




Bakhtar Cable Co.

اولین دارنده تأییدیه های وزارت نیرو – وزارت نفت – وزارت راه وشهرسازی – وزارت دفاع – شرکت نفت و گاز

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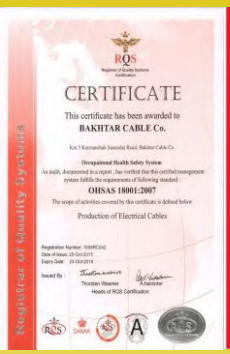
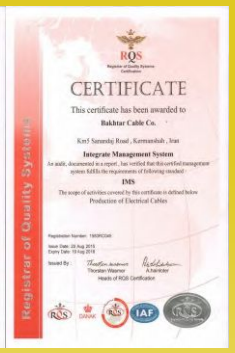
3000503008

کابل باختر دارنده کلیه تاییدیه های توانیر







Bakhtar Cable Co.

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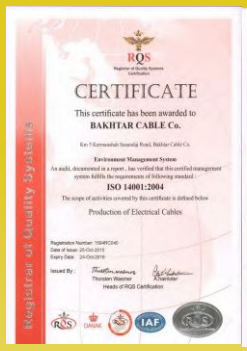
العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳+۹۸

کابل باختر دارنده کلیه تاییدیه های توانیر





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Address : Kermanshah,sanandaj Road 5th KM

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In The Name Of God

GENERAL CATALOG

Bakhtar Cable CO.

About Bakhtar Cable Co

Bakhtar Cable Co . is one of the leading manufactures of Electric, Telecommunication and specialized Wires and Cables in Iran . We are also experienced in manufacturing products according to customers requirements and individual needs Bakhtar Cable is a privale company .

Our main objective is to achieve the best results in the manufacturing process withina very short period of time . Bakhtar Cable keeps bureaucracy

At a mimimum because the company is well organized and works efficienty Bakhtar Cable Co . has a highly qualificd and experienced technical and sales team which works closely with all our customers individually to understand their requirements better.

A highly motivated R & D team is continuously upgrading the quality of our producats and is at the same time exp;oring new technologing Supported by loyal employees, Bakhtar Cable Co .

Continues rto grow in size and capabilities.

As well as the Iranian Telecommunication Companies and Electricity Boards we server many other markets, and new company names are being addad to our list of satisfied old and new customers.

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هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳+۹۸

Electrical wire
NYA

1. **According to :** ISIRI 607 (or VDE 0250 or BS 6004 or IEC 60227)
2. **Conductor :** Bare (or tinned) Stranded (or solid) copper
3. **Insulation :** PVC
4. **Rated voltage :** 450/ 750 KV
5. **Nominal cross- section area :** 0.5 to 1000 mm^2
6. **Flame retardant :** Acc. to IEC 60332-1

Size	Conductor	Insulation thickness	Overall diameter	Total weight	DC resistsnce at 20°C
		mm	mm	Kg/km	Ω/km
0.5	Solid	06	2.0	8.5	36
0.75	Solid	0.6	2.2	10	24.5
1	Solid	0.6	2.4	13	18.1
1.5	Solid	0.7	2.8	20	12.1
2.5	Solid	0.8	3.4	30	7.41
4	Solid	0.8	3.8	40	4.61
6	Solid	0.8	4.3	60	3.08
10	Solid	1.0	5.5	110	1.83
16	Solid	1.0	6.4	160	1.15
0.75	Stranded	0.6	2.4	10	24.5
1	Stranded	0.6	2.5	10	18.1
1.5	Stranded	0.7	3.0	20	12.1
2.5	Stranded	0.8	3.6	30	7.41
4	Stranded	0.8	4.2	50	4.61
6	Stranded	0.8	4.7	70	3.08
10	Stranded	1.0	6.0	120	1.83
16	Stranded	1.0	7.1	170	1.15
25	Stranded	1.2	8.7	270	0.727
35	Stranded	1.2	9.9	370	0.524
50	Stranded	1.4	1.6	490	0.387
70	Stranded	1.4	13.3	700	0.268
90	Stranded	1.6	15.6	970	0.193
120	Stranded	1.6	17.2	1190	0.153
150	Stranded	1.8	19.1	1480	0.124
185	Stranded	2.0	21.4	1850	0.0991
240	Stranded	2.2	24.3	2400	0.754
300	Stranded	2.4	27.2	3020	0.0601

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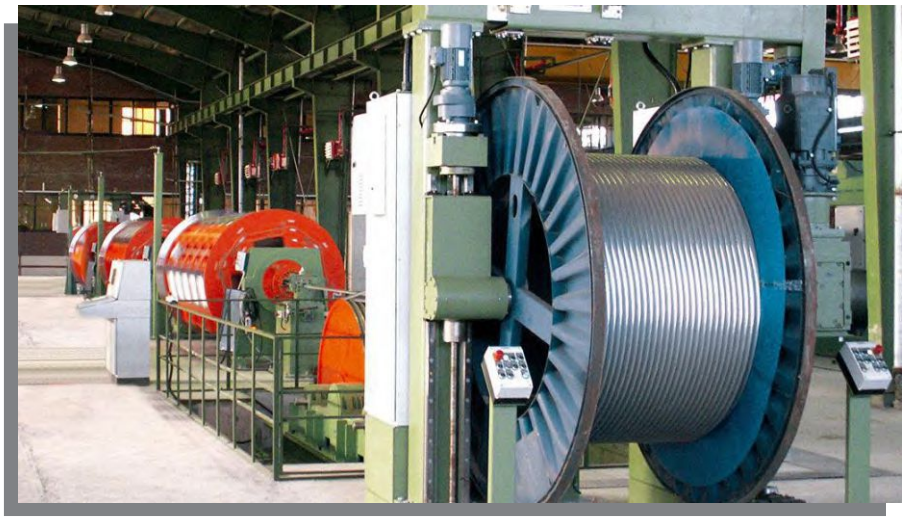
Size	Conductor	Insulation thickness	Overall diameter	Total weight	DC resistsnce at 20°C
		mm	mm	Kg/km	Ω/km
400	Stranded	2.6	30.4	3840	0.047
500	Stranded	2.6	33.8	4880	0.0366
630	Stranded	2.6	31.8	6150	0.283
800	Stranded	2.6	35.3	7840	0.0221
1000	Stranded	2.6	38.9	9780	0.0176



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العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: +۹۸-۸۳-۳۴۲۷۰۵۵۴

Electrical Wire
NYA F

1. **According to :** ISIRI 607 (or VDE 0250 or BS 6004 or IEC 60227)
2. **Conductor :** Bare (or Tinned) Flexible Copper , class 5
3. **Insulation :** PVC
4. **Rated voltage :** 450/ 750 KV
5. **Nominal Cross Section :** 0.5 to 1000 mm^2
6. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Overall diameter	Total Weight	DC resistsnce at 20°C
	mm	mm	Kg/km	Ω/km
0.5	0.6	2.2	9	39.0
0.75	0.6	2.3	11	26
1	0.6	2.5	14	19.5
1.5	0.7	2.9	20	13.3
2.5	0.8	3.5	30	7.98
4	0.8	4.3	50	4.95
6	0.8	5.1	70	3.3
10	1.0	6.3	110	1.91
16	1.0	7.6	180	1.21
25	1.2	9.7	280	0.78
35	1.2	10.7	370	0.554
50	1.4	12.4	520	0.386
70	1.4	14.2	720	0.272
95	1.6	16.5	980	0.206
120	1.6	17.4	1190	0.161
150	1.8	19.8	1500	0.129
185	2.0	23.3	1890	0.106
40	2.2	25.1	2390	0.0801
300	2.4	29.0	3040	0.0641
400	2.6	32.8	3980	0.0486
500	2.6	36.9	4930	0.0384
630	2.6	40.5	6230	0.0287

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Power cable without screen & Armour
NYY

1. **According to :** Acc . to IEC 60502-1 (or BS 6346 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** PVC
4. **Inner covering :** PVC
5. **Jacket :** PVC
6. **Nominal cross- section area :** 1.5 to 1000 mm^2
7. **Rated voltage :** 0.6/ 1.0 KV
8. **Flame retardant :** Acc. to IEC 60332-1
9. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
1 x 1.5 RM	0.8	-	1.4	0.6	50	12.1
1 x 2.5 RM	0.8	-	1.4	6.5	65	7.41
1 x 4 RM	1.0	-	1.4	7.4	90	4.61
1 x 6 RM	1.0	-	1.4	7.6	110	3.08
1 x 10 RM	1.0	-	1.4	8.9	170	1.8
1 x 16 RM	1.0	-	1.4	10.0	240	1.15
1 x 25 RM	1.2	-	1.4	11.7	350	0.727
1 x 32 RM	1.2	-	1.4	12.8	460	0.524
1 x50 RM	1.4	-	1.4	14.8	630	0.387
1 x 70 RM	1.4	-	1.4	16.5	830	0.268
1 x 95 RM	1.6	-	1.4	18.9	1100	0.193
1 x 120 RM	1.6	-	1.4	20.5	1100	0.153
1 x 150 RM	1.8	-	1.6	22.8	1700	0.124
1 x 185 RM	2.0	-	1.7	25.2	2100	0.0991
1 x 240 RM	2.2	-	1.8	28.2	2700	0.754
1 x 300 RM	2.4	-	1.9	31.2	3300	0.0601
1 x 400 RM	2.6	-	2.0	35.3	4400	0.0470
1 x 500 RM	2.8	-	2.1	39.0	5400	0.0366
1 x 630 RM	2.8	-	2.2	42.6	7100	0.0283
1 x 800 RM	2.8	-	2.3	47.0	8900	0.0221
1 x 1000 RM	3.0	-	2.5	52.2	11000	0.0176
2 x 1.5 RM	0.8	1.0	1.8	12.0	200	12.1
2 x 2.5 RM	0.8	1.0	1.8	12.9	240	7.41
2 x 4 RM	1.0	1.0	1.8	14.8	330	4.61

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فاکس: ۵۵۴-۳۴۲۷۰-۸۳-۹۸+

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
2 x 6 RM	1.0	1.0	1.8	15.9	400	3.08
2 x 10 RM	1.0	1.0	1.8	17.7	530	1.8
2 x 16RM	1.0	1.0	1.8	19.9	730	1.15
2 x 25 RM	1.2	1.0	1.8	23.3	1000	0.727
2 x 35 RM	1.2	1.0	1.8	25.6	1300	0.524
2 x 50 RM	1.4	1.0	1.8	29.6	1800	0.387
2 x 70 RM	1.4	1.0	1.9	33.1	2400	0.268
3 x 1.5 RM	0.8	1.0	1.8	12.5	220	12.1
3 x 2.5 RM	0.8	1.0	1.8	13.5	270	7.41
3 x 4 RM	1.0	1.0	1.8	15.5	380	4.61
3 x 6 RM	1.0	1.0	1.8	16.7	470	3.08
3 x 10 RM	1.0	1.0	1.8	18.6	640	1.8
3 x 16 RM	1.0	1.0	1.8	21.0	890	1.15
3 x 25 RM	1.2	1.0	1.8	24.6	1200	0.727
3 x 35 RM	1.2	1.0	1.8	27.1	1700	0.524
3 x 50 RM	1.4	1.0	1.8	31.4	2300	0.387
3 x 50 SM	1.4	-	1.8	26.0	1800	0.387
3 x 70 RM	1.4	1.2	1.9	35.6	3100	0.268
3 x 70 SM	1.4	-	1.9	29.2	2400	0.268
3 x 95 RM	1.6	1.2	2.1	40.7	4100	0.193
3 x 95 SM	1.6	-	2.1	33.4	3200	0.193
3 x 120 RM	1.6	1.2	2.2	44.4	5000	0.153
3 x 120 SM	1.6	-	2.2	36.0	4000	0.153
3 x 150 SM	1.8	-	2.3	40.0	5000	0.124
3 x 185 SM	2.0	-	2.5	44.2	6100	0.0991
3 x 240 SM	2.2	-	2.7	49.6	7900	0.0754
3 x 300 SM	2.4	-	2.9	54.6	9800	0.0601
3 x 25+16 RM	1.2 / 1.0	1.0	1.8	25.9	1500	0.727 / 1.15
3 x 35+16 RM	1.2 / 1.0	1.0	1.8	28.0	1900	0.524 / 1.15
3 x 50+25 RM	1.4 / 1.2	1.0	1.9	32.8	2600	0.387 / 0.727
3 x 70+35 RM	1.4 / 1.2	1.2	2.0	37.1	3500	0.268 / 0.524
3 x 70+35 SM	1.4 / 1.2	-	2.0	31.2	2800	0.268 / 0.524
3 x 95+50 RM	1.6 / 1.4	1.2	2.2	42.7	4700	0.193 / 0.387
3 x 95+50 SM	1.6 / 1.4	-	2.2	36.0	3800	0.193 / 0.387
3 x 120+70 SM	1.6 / 1.4	-	2.3	38.8	4800	0.153 / 0.268
3 x 150+70 SM	1.8 / 1.4	-	2.4	43.0	5800	0.124 / 0.268
3 x 185+95 SM	2.0 / 1.6	-	2.6	47.4	7200	0.0991 / 0.193
3 x 240+120 SM	2.2 / 1.6	-	2.8	53.4	9200	0.0754 / 0.153
4 x 1.5 RM	0.8	1.0	1.8	13.3	250	12.1

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Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
19 x 2.5 RM	0.8	1.0	1.8	14.4	320	7.41
4 x 4 RM	1.0	1.0	1.8	16.7	450	4.61
4 x 6 RM	1.0	1.0	1.8	18.1	570	3.08
4 x 10 RM	1.0	1.0	1.8	20.2	740	1.8
4 x 16RM	1.0	1.0	1.8	22.8	1100	1.15
4 x 25 RM	1.2	1.0	1.8	26.9	1600	0.727
4 x 35 RM	1.2	1.0	1.8	29.7	2100	0.524
4 x 50 RM	1.4	1.2	1.9	35.2	3000	0.387
4 x 50 SM	1.4	-	1.9	28.6	2300	0.387
4 x 70 RM	1.4	1.2	2.1	39.5	3900	0.268
4 x 70 SM	1.4	-	2.1	32.4	3200	0.068
4 x 95 RM	1.6	1.2	2.2	45.0	5200	0.193
4 x 95 SM	1.6	-	2.2	37.0	4300	0.193
4 x 120 RM	1.6	-	2.3	40.2	5300	0.153
4 x 150 SM	1.8	-	2.5	44.4	6600	0.124
4 x 185 SM	2.0	-	2.7	49.0	8100	0.0991
4 x 240 SM	2.2	-	2.9	55.2	10000	0.0754
4 x 300 SM	2.4	-	3.1	60.6	13000	0.0601
5 x 1.5 RM	0.8	1.0	1.8	14.3	300	12.1
5 x 2.5 RM	0.8	1.0	1.8	15.5	380	7.41
5 x 4 RM	1.0	1.0	1.8	18.0	530	4.61
5 x 6 RM	1.0	1.0	1.8	19.5	680	30.08
5 x 10 RM	1.0	1.0	1.8	22.0	950	1.8
5 x 16 RM	1.0	1.0	1.8	24.9	1300	1.15
5 x 25 RM	1.2	1.0	1.8	29.5	2000	0.727
5 x 35 RM	1.2	1.0	1.9	32.8	2600	0.524
5 x 50 RM	1.4	1.2	2.0	38.8	3600	0.387
5 x 70 RM	1.4	1.2	2.2	43.7	4800	0.268
5 x 95 RM	1.6	14	2.4	50.4	6500	0.193
6 x 1.5 RM	0.8	1.0	1.8	15.2	340	12.1
6 x 2.5 RM	0.8	1.0	1.8	16.6	430	7.41
6 x 4 RM	1.0	1.0	1.8	19.4	620	4.61
7 x 1.5 RM	0.8	1.0	1.8	15.2	350	12.1
7 x 2.5 RM	0.8	1.0	1.8	16.6	450	7.41
7 x 4 RM	1.0	1.0	1.8	19.4	650	4.61
12 x 1.5 RM	0.8	1.0	1.8	18.9	530	12.1
12 x 2.5 RM	0.8	1.0	1.8	20.7	700	7.41
12x 4 RM	1.0	1.0	1.8	24.6	1000	4.61
19 x 1.5 RM	0.8	1.0	1.8	21.6	730	12.1
19 x 2.5 RM	0.8	1.0	1.8	23.8	980	7.41

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فاکس: ۳۴۲۷۰۵۵۴-۸۳+۹۸

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
19 x 4 RM	1.0	1.0	1.8	28.5	1500	4.61
24 x 1.5 RM	0.8	1.0	1.8	24.8	900	12.1
24 x 2.5 RM	0.8	1.0	1.8	27.5	1200	7.41
37 x 1.5 RM	0.8	1.0	1.8	28.0	1200	12.1
37 x 2.5 RM	0.8	1.0	1.9	31.3	1700	7.41
61 x 1.5 RM	0.8	1.2	2.0	35.2	2000	12.1
61 x 2.5 RM	0.8	1.2	2.1	39.4	2700	7.41

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Power cable with wire armour
NYBY

1. **According to :** Acc . to IEC 60502-1 (or BS 6346 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** PVC
4. **Inner covering :** PVC
5. **Armour :** Galvanized steel tape armour for multi core & Aluminum tape armour for single core
6. **Jacket :** PVC
7. **Nominal cross- section area :** 1.5 to 1000 mm^2
8. **Rated voltage :** 0.6/ 1.0 KV
9. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3

Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
1 x 6 RM	1.0	1.0	0.5	1.8	12.6	250	3.08
1 x 10 RM	1.0	1.0	0.5	1.8	13.5	300	1.83
1 x 16 RM	1.0	1.0	0.5	1.8	14.6	380	1.15
1 x 25 RM	1.2	1.0	0.5	1.8	16.3	510	0.727
1 x 35 RM	1.2	1.0	0.5	1.8	17.4	630	0.524
1 x 50 RM	1.4	1.0	0.5	1.8	19	780	0.387
1 x 70 RM	1.4	1.0	0.5	1.8	20.8	1010	0.268
1 x 95 RM	1.6	1.1	0.5	1.8	23.2	1320	0.193
1 x 120 RM	1.6	1.1	0.5	1.8	24.8	1590	0.153
1 x 150 RM	1.8	1.1	0.5	1.8	26.7	1900	0.124
1 x 185 RM	2.0	1.2	0.5	1.8	29.1	2320	0.0991
1 x 240 RM	2.2	1.2	0.5	1.8	32.1	2940	0.0754
1 x 300 RM	2.4	1.3	0.5	1.9	35.2	3620	0.0601
1 x 400 RM	2.6	1.3	0.5	2	38.7	4520	0.047
1 x 500 RM	2.8	1.4	0.5	2.1	42.8	5690	0.0366
1 x 630 RM	2.8	1.5	0.5	2.2	47.1	7440	0.0283
1 x 800 RM	2.8	1.6	0.5	2.4	51.9	9380	0.0221
1 x 1000 RM	3.0	1.7	0.5	2.5	57.1	11630	0.0176
2 x 1.5 RM	0.8	1.0	0.2	1.8	12.7	260	12.1
2 x 2.5 RM	0.8	1.0	0.2	1.8	13.5	300	7.41
2 x 4 RM	1.0	1.0	0.2	1.8	15.4	390	4.61
2 x 6 RM	1.0	1.0	0.2	1.8	16.4	460	3.08
2 x 10 RM	1.0	1.0	0.2	1.8	18.2	600	1.83
2 x 16 RM	1.0	1.0	0.2	1.8	20.3	790	1.15
2 x 2.5 RM	1.2	1.1	0.2	1.8	23.9	1120	0.727
2 x 35 RM	1.2	1.1	0.2	1.8	26.1	1400	0.524
2 x 50 RM	1.4	1.2	0.2	1.8	29.6	1810	0.387
2 x 70 RM	1.4	1.3	0.2	1.9	33.5	2410	0.268
3 x 1.5 RM	0.8	1.0	0.2	1.8	13.2	280	12.1
3 x 2.5 RM	0.8	1.0	0.2	1.8	14.1	340	7.41

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

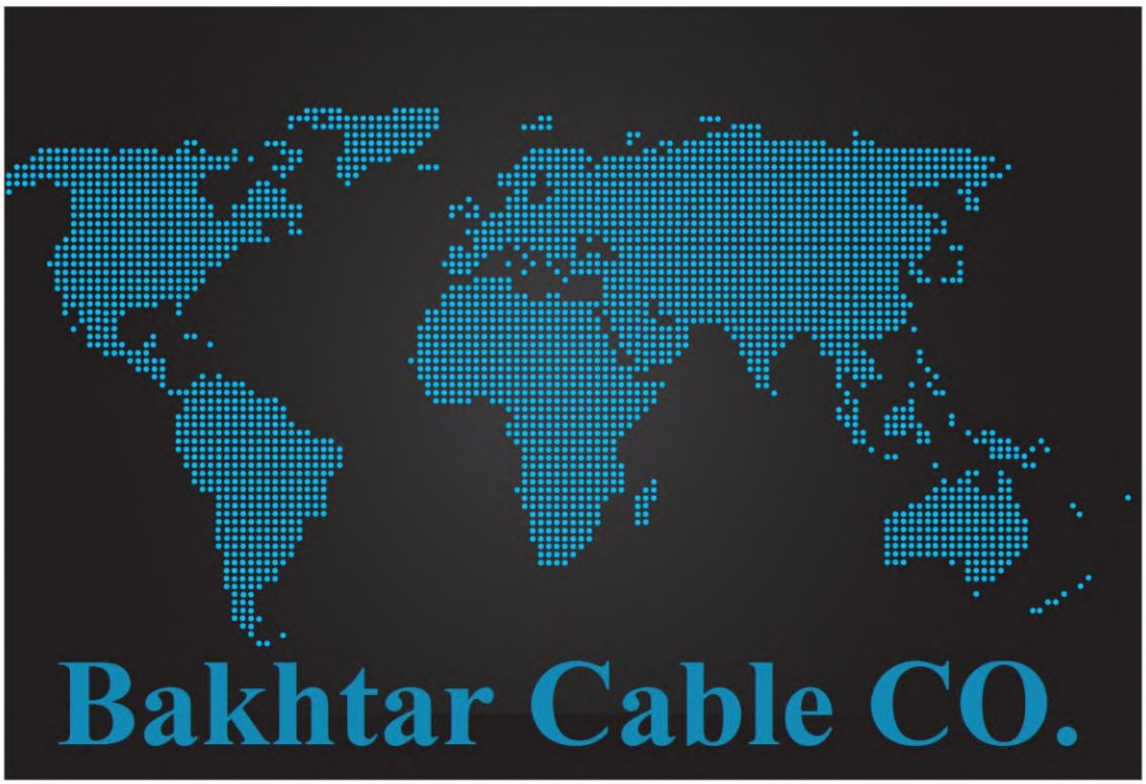
Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
3 x 4 RM	1.0	1.0	0.2	1.8	1.6	440	4.61
3 x 6 RM	1.0	1.0	0.2	1.8	17.2	540	3.08
3 x 10 RM	1.0	1.0	0.2	1.8	19.1	710	1.83
3 x 16 RM	1.0	1.0	0.2	1.8	21.4	960	1.15
3 x 25 RM	1.2	1.1	0.2	1.8	25.2	1380	0.727
3 x 35 RM	1.2	1.2	0.2	1.8	27.7	1760	0.524
3 x 50 RM	1.4	1.2	0.2	1.9	31.6	2270	0.387
3 x 70 SM	1.4	1.2	0.2	2	32.4	2690	0.268
3 x 95 SM	1.6	1.3	0.5	2.1	37.8	4010	0.193
3 x 120 SM	1.6	1.4	0.5	2.2	40.6	4800	0.153
3 x 150 SM	1.8	1.4	0.5	2.4	44.8	5810	0.124
3 x 185 SM	2.0	1.5	0.5	2.5	49	7080	0.0991
3 x 240 SM	2.2	1.6	0.5	2.7	54.6	9010	0.0754
3 x 300 SM	2.4	1.7	0.5	2.9	59.8	11040	0.0601
3 x 400 SM	2.6	1.8	0.5	3.2	67	13830	0.047
3 x 25+16 RM	1.2/1.0	1.1	0.2	1.8	26.4	1570	0.727/ 1.15
3 x 35+16 RM	1.2/1.0	1.2	0.2	1.8	28.6	1940	0.524/ 1.15
3 x 50+25 RM	1.4/1.2	1.3	0.2	1.9	33	2570	0.387/ 0.727
3 x 70+35 SM	1.4/1.2	1.3	0.2	2	34.4	3100	0.268/ 0.524
3 x 95+50 SM	1.6/1.4	1.4	0.5	2.2	40.6	4610	0.193/ 0.387
3 x 120+70 SM	1.6/1.4	1.4	0.5	2.3	43.4	5570	0.153/ 0.268
3 x 150+70 SM	1.8/1.4	1.5	0.5	2.4	47.8	6620	0.124/ 0.268
3 x 185+95 SM	2.0/1.6	1.6	0.5	2.6	52.4	8180	0.0991/ 0.193
3 x 240+120 SM	2.2/1.6	1.7	0.5	2.8	58.6	10390	0.754/ 0.153
3 x 300+150 SM	2.4/1.8	1.8	0.5	3	64.6	12730	0.0601/ 0.124
4 x 1.5 RM	0.8	1.0	0.2	1.8	14	320	12.1
4 x 2.5 RM	0.8	1.0	0.2	1.8	15	390	7.41
4 x 4 RM	1.0	1.0	0.2	1.8	17.2	520	4.61
4 x 6 RM	1.0	1.0	0.2	1.8	18.5	640	3.08
4 x 10 RM	1.0	1.0	0.2	1.8	20.7	860	1.83
4 x 16 RM	1.0	1.1	0.2	1.8	23.4	1190	1.15
4 x 25 RM	1.2	1.2	0.2	1.8	27.6	1710	0.727
4 x 35 RM	1.2	1.2	0.2	1.8	30.3	2190	0.524
4 x 50 RM	1.4	1.3	0.2	2	34.9	2870	0.387
4 x 70 SM	1.4	1.3	0.5	2.1	36.8	3890	0.268
4 x 95 SM	1.6	1.4	0.5	2.3	41.8	5140	0.193
4 x 120 SM	1.6	1.4	0.5	2.4	45	6150	0.153
4 x 150 SM	1.8	1.5	0.5	2.5	49.2	7450	0.124
4 x 185 SM	2.0	1.6	0.5	2.7	54	9130	0.0991
4 x 240 SM	2.2	1.7	0.5	2.9	60.4	11670	0.4754
4 x 300 SM	2.4	1.8	0.5	3.1	66	14310	0.0601
5 x 1.5 RM	0.8	1.0	0.2	1.8	14.9	370	12.1
5 x 2.5 RM	0.8	1.0	0.2	1.8	16	450	7.41
5 x 4 RM	1.0	1.0	0.2	1.8	18.5	610	4.61
5 x 6 RM	1.0	1.0	0.2	1.8	19.9	750	3.08
5 x 10 RM	1.0	1.1	0.2	1.8	22.6	1030	1.83
5 x 16 RM	1.0	1.1	0.2	1.8	25.4	1420	1.15
5 x 25 RM	1.2	1.2	0.2	1.8	30.1	2060	0.727
5 x 35 RM	1.2	1.3	0.2	1.9	33.5	2680	0.524
5 x 50 RM	1.4	1.4	0.2	2.1	38.6	3510	0.387
5 x 1.5 RM	0.8	1.0	0.2	1.8	15.8	420	12.1
5 x 2.5 RM	0.8	1.0	0.2	1.8	17.1	530	7.41

bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
12 x 1.5 RM	0.8	1.0	0.2	1.8	19.4	620	12.1
12 x 2.5 RM	0.8	1.0	0.2	1.8	21.2	780	7.41
19 x 1.5 RM	0.8	1.1	0.2	1.8	22.3	840	12.1
19 x 2.5 RM	0.8	1.1	0.2	1.8	24.4	1080	7.41
19 x 4 RM	1.0	1.2	0.2	1.8	29.1	1570	4.61
24 x 1.5 RM	0.8	1.1	0.2	1.8	25.4	1090	12.1
24 x 2.5 RM	0.8	1.2	0.2	1.8	28.1	1420	7.41
30 x 2.5 RM	0.8	1.2	0.2	1.8	26.9	1190	12.1
30 x 4 RM	0.8	1.2	0.2	1.8	29.6	1560	7.41
40 x 1.5 RM	0.8	1.2	0.2	1.8	29.7	1480	12.1
40 x 2.5 RM	0.8	1.3	0.2	1.9	33.2	1990	7.41
50x 1.5 RM	0.8	1.3	0.2	1.9	33.6	1870	12.1
50x 2.5 RM	0.8	1.3	0.2	2	37.3	2490	7.41
61 x 1.5 RM	0.8	1.3	0.2	2	35.6	2160	12.1
61 x 2.5 RM	0.8	1.4	0.5	2.1	41	3380	7.41



bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳-۹۸+

Power cable with wire armour
NYRY

1. **According to :** Acc . to IEC 60502-1 (or BS 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** PVC
4. **Inner covering :** PVC
5. **Armour :** Galvanized steel wire armour for multi core & Aluminum wire armour for single core
6. **Jacket :** PVC
7. **Nominal cross- section area :** 1.5 to 1000 mm^2
8. **Rated voltage :** 0.6/ 1.0 KV
9. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
1 x 6 RM	1.0	1.0	0.9	1.8	12.6	230	3.08
1 x 10 RM	1.0	1.0	0.9	1.8	13.5	290	1.83
1 x 16 RM	1.0	1.0	0.9	1.8	14.6	370	1.15
1 x 25 RM	1.2	1.0	0.9	1.8	16.3	490	0.727
1 x 35 RM	1.2	1.0	0.9	1.8	17.4	610	0.524
1 x 50 RM	1.4	1.0	1.2	1.8	19.6	790	0.387
1 x 70 RM	1.4	1.0	1.2	1.8	21.4	1030	0.268
1 x 95 RM	1.6	1.1	1.2	1.8	23.8	1350	0.193
1 x 120 RM	1.6	1.1	1.6	1.8	26.2	1670	0.153
1 x 150 RM	1.8	1.1	1.6	1.8	28.1	2000	0.124
1 x 185 RM	2.0	1.2	1.6	1.8	30.5	2430	0.0991
1 x 240 RM	2.2	1.2	1.6	1.9	33.7	3080	0.0754
1 x 300 RM	2.4	1.3	2.0	2.0	37.6	3860	0.0601
1 x 400 RM	2.6	1.3	2.0	2.1	41.4	4790	0.047
1 x 500 RM	2.8	1.4	2.0	2.2	45.2	5980	0.0366
1 x 630 RM	2.8	1.5	2.0	2.4	49.7	7780	0.0283
1 x 800 RM	2.8	1.6	2.5	2.5	55.3	9910	0.0221
1 x 1000 RM	3.0	1.7	2.5	2.7	60.7	12250	0.0176
2 x 1.5 RM	0.8	1.0	0.9	1.8	14.0	350	12.1
2 x 2.5 RM	0.8	1.0	0.9	1.8	14.9	400	7.41
2 x 4 RM	1.0	1.0	0.9	1.8	16.8	540	4.61
2 x 6 RM	1.0	1.0	1.2	1.8	18.5	680	3.08
2 x 10 RM	1.0	1.0	1.2	1.8	20.3	840	1.8
2 x 16 RM	1.0	1.0	1.2	1.8	22.5	1100	1.15

bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 25 RM	1.2	1.0	1.6	1.8	26.9	1600	0.727
2 x 35 RM	1.2	1.0	1.6	1.8	29.2	1900	0524
2 x 50 RM	1.4	1.2	1.6	1.9	33.6	2600	0.387
2 x 70 RM	1.4	1.2	2.0	1.9	38.1	3400	0.268
3 x 1.5 RM	0.8	1.0	0.9	1.8	14.5	390	12.1
3 x 2.5 RM	0.8	1.0	0.9	1.8	15.5	460	7.41
3 x 4 RM	1.0	1.0	1.2	1.8	18.1	670	4.61
3 x 6 RM	1.0	1.0	1.2	1.8	19.3	780	3.08
3 x 10 RM	1.0	1.0	1.2	1.8	21.2	990	1.8
3 x 16 RM	1.0	1.0	1.2	1.8	23.8	1300	1.15
3 x 25 RM	1.2	1.0	1.6	1.8	28.2	1900	0.727
3 x 35 RM	1.2	1.2	1.6	1.8	30.9	2400	0.524
3 x 50 RM	1.4	1.2	1.6	2.0	35.8	3200	0.387
3 x 70 SM	1.4	1.2	2.0	2.1	36.4	3700	0.268
3 x 95 SM	1.6	1.2	2.0	2.3	40.6	4700	0.193
3 x 120 SM	1.6	1.4	2.0	2.4	43.4	5600	0.153
3 x 150 SM	1.8	1.4	2.5	2.5	48.6	7200	0.124
3 x 185 SM	2.0	1.4	2.5	2.7	52.8	8600	0.0991
3 x 240 SM	2.2	1.6	2.5	2.9	58.4	11000	0.0754
3 x 300 SM	2.4	1.6	2.5	3.0	63.4	13000	0.0601
3 x 400 SM	2.6	1.8	3.15	3.4	71.9	16480	0.047
3 x 25+16 RM	1.2/1.0	1.2	1.6	1.8	29.7	2200	0.727/1.15
3 x 35+16 RM	1.2/1.0	1.2	1.6	1.9	32.0	2700	0.524/1.15
3 x 50+25 RM	1.4/1.2	1.2	2.0	2.0	37.8	3800	0.387/0.727
3 x 70+35 RM	1.4/1.2	1.2	2.0	2.1	41.9	4800	0.268/0.524
3 x 70+35 RM	1.4/1.2	1.2	2.0	2.1	38.2	4200	0.268/0.524
3 x 95+50 RM	1.6/1.4	1.4	2.0	2.3	47.7	6200	0.193/0.387
3 x 95+50 SM	1.6/1.4	1.4	2.0	2.3	43.2	5400	0.193/0.387
3 x 120+70 SM	1.6/1.4	1.4	2.5	2.5	47.2	6900	0.153/0.268
3 x 150+70 SM	1.8/1.4	1.4	2.5	2.6	51.6	8100	0.124/0.268
3 x 185+95 SM	2.0/1.6	1.6	2.5	2.7	56.0	9800	0.0991/0.193
3 x 240+120 SM	2.2/1.6	1.6	2.5	2.9	62.2	12000	0.754/0.153
3 x 300-150 RM	2.4/1.8	1.8	2.5	3.1	68	14490	0.0601/0.124
4 x 1.5 RM	0.8	1.0	0.9	1.8	15.3	440	12.1
4 x 2.5 SM	0.8	1.0	0.9	1.8	16.4	530	7.41
4 x 4 SM	1.0	1.0	1.2	1.8	19.3	770	4.61
4 x 6 RM	1.0	1.0	1.2	1.8	20.7	920	3.08
4 x 10 RM	1.0	1.0	1.2	1.8	22.8	1200	1.8
4 x 16 RM	1.0	1.0	1.6	1.8	26.4	1700	1.15
4 x 25 RM	1.2	1.2	1.6	1.8	30.7	2400	0.727
4 x 35 RM	1.2	1.2	1.6	1.9	33.7	2900	0.524

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Inner covering thickness	Wire covering diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
4 x 50 RM	1.4	1.2	2.0	2.1	40.0	4200	0.387
4 x 70 SM	1.4	1.2	2.0	2.2	39.4	4600	0.268
4 x 95 SM	1.6	1.4	2.5	2.4	45.4	6300	0.193
4 x 120 SM	1.6	1.4	2.5	2.5	48.8	7500	0.153
4 x 150 SM	1.8	1.4	2.5	2.7	53.0	9000	0.124
4 x 185 SM	2.0	1.6	2.5	2.8	57.6	11000	0.0991
4 x 240 SM	2.2	1.6	2.5	3.1	64.2	14000	0.0754
4 x 300 SM	2.4	1.8	2.5	3.3	69.8	16000	0.0601
5 x 1.5 RM	0.8	1	0.9	1.8	16.1	490	12.1
5 x 2.5 RM	0.8	1	0.9	1.8	17.2	570	7.41
5 x 4 RM	1	1	1.2	1.8	20.3	860	4.61
5 x 6 RM	1	1	1.2	1.8	21.7	1030	3.08
5 x 10 RM	1	1.1	1.6	1.8	25.2	1500	1.83
5 x 16 RM	1	1.1	1.6	1.8	28	1960	1.15
5 x 25RM	1.2	1.2	1.6	1.9	32.9	2720	0.727
5 x 35 RM	1.2	1.3	2	2	37.1	3680	0.524
5 x 50 RM	1.4	1.4	2	2.2	42.2	4640	0.387
7 x 1.5 RM	0.8	1	0.9	1.8	17	550	12.1
12 x 1.5 RM	0.8	1	1.2	1.8	21.2	880	12.1
12 x 2.5 RM	0.8	1	1.2	1.8	23	1070	7.41
19 x 1.5 RM	0.8	1.1	1.6	1.8	24.9	1310	12.1
19 x 2.5 RM	0.8	1.1	1.6	1.8	27	1600	7.41
19 x 4 RM	1	1.2	1.6	1.9	31.9	2200	4.61
24 x 1.5 RM	0.8	1.1	1.6	1.8	28	1630	12.1
24 x 2.5 Rm	0.8	1.2	1.6	1.9	30.9	2030	7.41
30 x 1.5 RM	0.8	1.2	1.6	1.8	29.5	1760	12.1
30 x 2.5 RM	0.8	1.2	1.6	1.9	32.4	2220	7.41
40 x 1.5 RM	0.8	1.2	1.6	1.9	32.5	2140	12.1
40 x 2.5 RM	0.8	1.3	2	2	36.8	2990	7.41
50 x 1.5 RM	0.8	1.3	2	2.1	37.4	2880	12.1
50 x 2.5 Rm	0.8	1.3	2	2.2	41.1	3590	7.41
61 x 1.5 RM	08	1.3	2	2.1	39.2	3200	12.1
61 x 2.5 RM	0.8	1.4	2	2.2	43.4	4100	7.41

bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Power cable with concentric wire screen
NYCY

1. **According to :** Acc . to IEC 60502-1 (or BS 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** PVC
4. **Inner covering :** PVC
5. **Screen :** Concentric copper wire screen with copper tape counter helix
8. **Jacket :** PVC
9. **Nominal cross- section area :** 1.5 to 1000 mm^2
10. **Rated voltage :** 0.6/ 1.0 KV
11. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm^2	mm	mm	Kg/km	Ω/km
1 x 1.5 RM	0.8	1.0	2.5	1.8	10.2	130	12.1
1 x 2.5 RM	0.8	1.0	2.5	1.8	10.6	140	7.41
1 x 4 RM	1	1.0	4	1.8	11.5	190	4.61
1 x 6 RM	1	1.0	6	1.8	12.8	240	3.08
1 x 10 RM	1	1.0	10	1.8	14.1	330	1.83
1 x 16 RM	1	1.0	16	1.8	15.8	460	1.15
1 x 25 RM	1.2	1.0	16	1.8	16.9	570	0.727
1 x 35 RM	1.2	1.0	16	1.8	18	680	0.524
1 x 50 RM	1.4	1.0	16	1.8	19.6	820	0.387
1 x 70 RM	1.4	1.0	16	1.8	21	1040	0.268
1 x 95 RM	1.6	1.1	16	1.8	23.4	1340	0.193
1 x 120 RM	1.6	1.1	16	1.8	25	1590	0.153
1 x 150 RM	1.8	1.1	25	1.8	27.3	1980	0.124
1 x 185 RM	2	1.2	25	1.8	29.3	2390	0.0991
1 x 240 RM	2.2	1.2	25	1.8	32.3	2990	0.0754
1 x 300 RM	2.4	1.3	25	1.9	35.4	3650	0.0601
1 x 400 RM	2.6	1.3	35	2.1	39.1	4630	0.047
1 x 500 RM	2.8	1.4	35	2.2	43.2	5780	0.0366
1 x 630 RM	2.8	1.5	35	2.3	47.5	7510	0.0283
1 x 800 RM	2.8	1.6	35	2.4	52.1	9400	0.0221
1 x 1000 RM	3	1.7	35	2.6	57.3	11650	0.0176
2 x 1.5 RM	0.8	1.0	2.5	1.8	13.1	210	12.1
2 x 2.5 RM	0.8	1.0	2.5	1.8	13.7	250	7.41
2 x 4 RM	1	1.0	4	1.8	16	340	4.61
2 x 6 RM	1	1.0	6	1.8	17	420	3.08
2 x 10 RM	1	1.0	10	1.8	19.4	590	1.83
2 x 16 RM	1	1.0	16	1.8	21.7	820	1.15
2 x 25 RM	1.2	1.1	16	1.8	25.3	1130	0.727
2 x 35 RM	1.2	1.1	16	1.8	27.3	1390	0.524
2 x 50 RM	1.4	1.2	25	1.8	31	1860	0.387

bakhtarcable co
العنوان: کرمانشاه کم ۵ الطریق سنندج
هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۱-۳۴۲۷۰۵۵۱+۹۸
فاکس: +۹۸-۸۳-۳۴۲۷۰۵۵۴

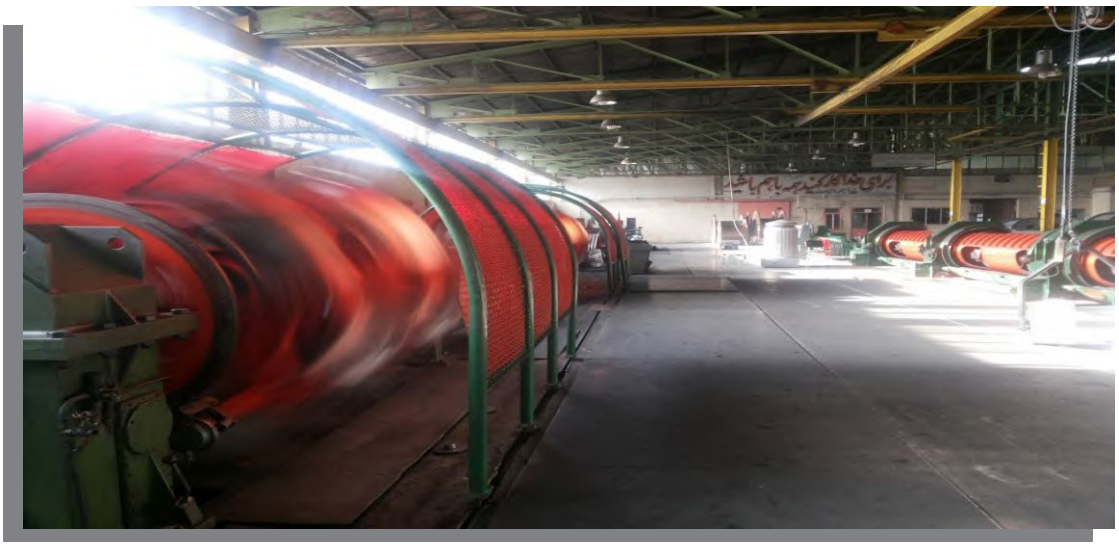
Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm²	mm	mm	Kg/km	Ω/km
2 x 70 RM	1.4	1.3	35	1.9	35.3	2520	0.268
3 x 1.5 RM	0.8	1.0	2.5	1.8	13.6	230	12.1
3 x 2.5 RM	0.8	1.0	2.5	1.8	14.3	280	7.41
3 x 4 RM	1	1.0	4	1.8	16.6	390	4.61
3 x 6 RM	1	1.0	6	1.8	17.8	490	3.08
3 x 10 RM	1	1.0	10	1.8	20.3	700	1.83
3 x 16 RM	1	1.0	16	1.8	22.8	990	1.15
3 x 25 RM	1.2	1.1	16	1.8	26.4	1380	0.727
3 x 35 RM	1.2	1.2	16	1.8	28.9	1740	0.524
3 x 50 RM	1.4	1.2	25	1.9	33	2310	0.387
3 x 70 SM	1.4	1.2	35	2	34.2	2820	0.268
3 x 95 SM	1.6	1.3	50	2.2	39	3860	0.193
3 x 120 SM	1.6	1.4	70	2.3	42.2	4780	0.153
3 x 150 SM	1.8	1.4	70	2.4	46	5710	0.124
3 x 185 SM	2	1.5	95	2.6	50.6	7160	0.0991
3 x 240 SM	2.2	1.6	120	2.8	56.6	9240	0.0754
3 x 300 SM	2.4	1.7	150	3	61.8	11470	0.0601
3 x 400 SM	2.6	1.8	185	3.3	69.4	14460	0.047
3 x 25+16 RM	1.2/1	1.1	16	1.8	27.6	1560	0.727 / 1.15
3 x 35+16 RM	1.2/1	1.2	16	1.8	29.8	1910	0.524 / 1.15
3 x 50+25 RM	1.4/1.2	1.3	25	1.9	34.4	2600	0.387 / 0.727
3 x 70+35 RM	1.4/1.2	1.3	35	2	36.2	3210	0.268 / 0.524
3 x 95+50 RM	1.6/1.4	1.4	50	2.2	41.2	4380	0.193 / 0.387
3 x 120+70 SM	1.6/1.4	1.4	70	2.3	44.6	5490	0.153 / 0.268
3 x 150+70 SM	1.8/1.4	1.5	70	2.5	49	6480	0.124 / 0.268
3 x 185+95 SM	2/1.6	1.6	95	2.6	53.8	8180	0.0991 / 0.193
3 x 240+120 SM	2.2/1.6	1.7	120	2.9	60.2	10530	0.0754 / 0.153
3 x 400+150 SM	2.4/1.8	1.8	150	3.1	66.6	13070	0.0601 / 0.124
4 x 1.5 RM	0.8	1.0	2.5	1.8	14.2	270	12.1
4 x 2.5 RM	0.8	1.0	2.5	1.8	15.2	320	7.41
4 x 4 RM	1	1.0	4	1.8	17.6	460	4.61
4 x 6 RM	1	1.0	6	1.8	19.1	580	3.08
4 x 10 RM	1	1.0	10	1.8	21.7	830	1.83
4 x 16 RM	1	1.1	16	1.8	24.8	1200	1.15
4 x 25 RM	1.2	1.2	16	1.8	28.8	1690	0.727
4 x 35 RM	1.2	1.2	16	1.8	31.3	2140	0.524
4 x 50 RM	1.4	1.3	25	2	36.3	2880	0.387
4 x 70 SM	1.4	1.3	35	2.1	37.4	3590	0.268
4 x 95 SM	1.6	1.4	50	2.3	42.4	4890	0.193
4 x 120 SM	1.6	1.4	70	2.4	46.2	6040	0.153
4 x 150 SM	1.8	1.5	70	2.6	50.4	7290	0.124
4 x 185 SM	2	1.6	95	2.8	55.6	9130	0.0991
4 x 240 SM	2.2	1.7	120	3	62	11790	0.0754
4 x 300 SM	2.4	1.8	150	3.2	68	14630	0.0601
5 x 1.5 RM	0.8	1.0	2.5	1.8	15.1	300	12.1
5 x 2.5 RM	0.8	1.0	2.5	1.8	16.2	380	7.41
5 x 4 RM	0.8	1.0	4	1.8	18.9	530	4.61
7 x 1.5 RM	0.8	1.0	2.5	1.8	16	350	12.1
7 x 2.5 RM	0.8	1.0	2.5	1.8	17.3	450	7.41
7 x 4 RM	1	1.0	4	1.8	20.2	640	4.61
10x 1.5 RM	0.8	1.0	2.5	1.8	19.2	480	12.1
10 x 2.5 RM	0.8	1.0	4	1.8	21	620	7.41

bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm²	mm	mm	Kg/km	Ω/km
10 x 4 RM	1	1.1	6	1.8	25.1	910	4.61
19 x 1.5 RM	0.8	1.1	4	1.8	22.5	730	12.1
19 x 2.5 RM	0.8	1.1	6	1.8	25	980	7.41
19 x 4 RM	1	1.2	10	1.8	29.7	1470	4.61
24 x 1.5 RM	0.8	1.1	6	1.8	25.8	980	12.1
24 x 2.5 RM	0.8	1.2	10	1.8	28.7	1340	7.41
30 x 1.5 RM	0.8	1.2	6	1.8	27.3	1070	12.1
30x 2.5 RM	0.8	1.2	10	1.8	30.2	1470	7.41
40 x 1.5 RM	0.8	1.2	10	1.8	30.3	1380	12.1
40 x 2.5 RM	0.8	1.3	10	1.9	33.8	1870	7.41



bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳-۹۸+

Power cable with concentric wire screen & wire armour
NYCYRY

1. **According to :** Acc . to IEC 60502-1 (or BS 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** PVC
4. **Inner covering :** PVC
5. **Screen :** Concentric copper wire screen with copper tape counter helix
6. **Separation sheath :** PVC
7. **Armour :** Galvanized steel wire armour for multi core & aluminum wire armour for single core
8. **Jacket :** PVC
9. **Nominal cross- section area :** 1.5 to 1000 mm^2
10. **Rated voltage :** 0.6/ 1.0 KV
11. **Flame retardant :** Acc. to IEC 60332-1
12. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	screen section	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm^2	mm	mm	mm	mmm	Kg/km	Ω/km
1 x 1.5RM	0.8	1.0	2.5	1.2	0.9	1.8	14.6	270	12.1
1 x 2.5 RM	0.8	1.0	2.5	1.2	0.9	1.8	15	290	7.41
1 x 4 RM	1	1.0	4	1.2	0.9	1.8	15.9	340	4.61
1 x 6 RM	1	1.0	6	1.2	0.9	1.8	17.2	400	3.08
1 x 10 RM	1	1.0	10	1.2	0.9	1.8	18.5	520	1.83
1 x 16 RM	1	1.0	16	1.2	1.2	1.8	20.8	700	1.15
1 x 25 RM	1.2	1.0	16	1.2	1.2	1.8	21.9	830	0.727
1 x 35 RM	1.2	1.0	16	1.2	1.2	1.8	23	950	0.524
1 x 50 RM	1.4	1.0	16	1.2	1.6	1.8	25.4	1170	0.387
1 x 70 RM	1.4	1.0	16	1.2	1.6	1.8	26.8	1420	0.268
1 x 95 RM	1.6	1.1	16	1.2	1.6	1.8	29.2	1760	0.193
1 x 120 RM	1.6	1.1	16	1.2	1.6	1.8	30.8	2030	0.153
1 x 150 RM	1.8	1.1	25	1.2	1.6	1.9	33.3	2470	0.124
1 x 185 RM	2	1.2	25	1.2	1.6	1.9	35.3	2910	0.0991
1 x 240 RM	2.2	1.2	25	1.2	2	2.1	39.5	3690	0.754
1 x 300 RM	2.4	1.3	25	1.2	2	2.1	42.4	4410	0.0601
1 x 400 RM	2.6	1.3	35	1.2	2	2.3	46.1	5460	0.047
1 x 500 RM	2.8	1.4	35	1.2	2.5	2.4	51.4	6880	0.0366
1 x 630 RM	2.8	1.5	35	1.2	2.5	2.5	55.7	8690	0.0283
1 x 800 RM	2.8	1.6	35	1.2	2.5	2.7	60.7	10750	0.0221
1 x 1000 RM	3	1.7	35	1.2	2.5	2.8	65.9	13120	0.0176
2 x 1.5 RM	0.8	1.0	2.5	1.2	0.9	1.8	17.5	530	12.1
2 x 2.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	18.7	660	7.41
2 x 4 RM	1	1.0	4	1.2	1.2	1.8	21	830	4.61
2 x 6 RM	1	1.0	6	1.2	1.2	1.8	22	940	3.08
2 x 10 RM	1	1.0	10	1.2	1.6	1.8	25.2	1330	1.83
2 x 16 RM	1	1.0	16	1.2	1.6	1.8	27.5	1640	1.15

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Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Screen section	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm^2	mm	mm	mm	mmm	Kg/km	Ω/km
2 x 25 RM	1.2	1.1	16	1.2	1.6	1.8	31.1	2090	0.727
2 x 35 RM	1.2	1.1	16	1.2	1.6	1.9	33.3	2420	0524
2 x 50 RM	1.4	1.2	25	1.2	2	2.1	38.2	3300	0.387
2 x 70 RM	1.4	1.3	35	1.2	2	2.2	42.5	4150	0.268
2 x 95 RM	1.6	1.4	50	1.2	2	2.3	47.4	5300	0.193
3 x 1.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	18.6	650	12.1
3 x 2.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	19.3	700	7.41
3 x 4 RM	1	1.0	4	1.2	1.2	1.8	21.6	880	4.61
3 x 6 RM	1	1.0	6	1.2	1.2	1.8	22.8	1030	3.08
3 x 10 RM	1	1.0	10	1.2	1.6	1.8	26.1	1470	1.83
3 x 16 RM	1	1.0	16	1.2	1.6	1.8	28.6	1840	1.15
3 x 25 RM	1.2	1.1	16	1.2	1.6	1.9	32.4	2390	0.727
3 x 35 RM	1.2	1.2	16	1.2	1.6	1.9	34.9	2840	0.524
3 x 50 RM	1.1	1.2	25	1.2	2	2.1	40	3860	0.387
3 x 70 RM	1.4	1.2	35	1.2	2	2.2	41.2	4430	0.268
3 x 95 RM	1.6	1.3	50	1.3	2.5	2.4	47.2	6040	0.193
3 x 120 SM	1.6	1.4	70	1.2	2.5	2.5	50.4	7140	0.153
3 x 150 SM	1.8	1.4	70	1.4	2.5	2.7	54.6	8310	0.124
3 x 185 SM	2	1.5	95	1.5	2.5	2.9	59.4	10070	0.0991
3 x 240 SM	2.2	1.6	120	1.6	2.5	3.1	65.6	12470	0.0754
3 x 300 SM	2.4	1.7	150	1.7	2.5	3.3	71	15010	0.0601
3 x 400 SM	2.6	1.8	185	1.9	3.15	3.6	80.3	19490	0.047
3 x 25+16 RM	1.2/1	1.1	16	1.2	1.6	1.9	33.6	2620	0.727 / 1.15
3 x 35+16 RM	1.2/1	1.2	16	1.2	1.6	2	36	3060	0.524 / 1.15
3 x 50+25 RM	1.4/1.2	1.3	25	1.2	2	2.1	41.4	4200	0.387 / 0.727
3 x 70+35 RM	1.4/1.2	1.3	35	1.2	2	2.3	43.4	4900	0.268 / 0.524
3 x 95+50 RM	1.6/1.4	1.4	50	1.3	2.5	2.5	49.6	6750	0.193 / 0.387
3 x 120+70 RM	1.6/1.4	1.4	70	1.4	2.5	2.6	53.2	8070	0.153 / 0.268
3 x 150+70 RM	1.8/1.4	1.5	70	1.4	2.5	2.7	57.4	9240	0.124 / 0.268
3 x 185+95 RM	2 / 1.6	1.6	95	1.5	2.5	2.9	62.6	11270	0.0991 / 0.193
3 x 240+120 RM	2.2/1.6	1.7	120	1.7	2.5	3.1	69.2	14030	0.0754 / 0.153
3 x 300+150 RM	1.4/1.8	1.8	150	1.8	3.15	3.4	77.3	17770	0.0601 / 0.124
4 x 1.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	19.2	690	12.1
4 x .5 RM	0.8	1.0	2.5	1.2	1.2	1.8	20.2	790	7.41
4 x 4 RM	1	1.0	4	1.2	1.2	1.8	22.6	990	4.61
4 x 6 RM	1	1.0	6	1.2	1.6	1.8	24.9	1320	3.08
4 x 10 RM	1	1.0	10	1.2	1.6	1.8	27.5	1640	1.83
4 x 16 RM	1	1.1	16	1.2	1.6	1.8	30.6	2120	1.15
4 x 25 RM	1.2	1.2	16	1.2	1.6	1.9	34.8	2790	0.727
4 x 35 RM	1.2	1.2	16	1.2	2	2.1	38.5	3640	0.524
4 x 50 RM	1.4	1.3	25	1.2	2	2.2	43.3	4560	0.387
4 x 70 SM	1.4	1.3	35	1.2	2	2.3	44.4	5320	0.268
4 x 95 SM	1.6	1.4	50	1.3	2.5	2.6	50.8	7280	0.193
4 x 120 SM	1.6	1.4	70	1.4	2.5	2.7	54.8	8720	0.153
4 x 150 SM	1.8	1.5	70	1.5	2.5	2.9	59.2	10200	0.124
4 x 185 SM	2	1.6	95	1.6	2.5	3	64.4	12320	0.0991
4 x 240 SM	2.2	1.7	120	1.7	3.15	3.3	72.5	16460	0.0754
4 x 300 SM	2.4	1.8	150	1.9	3.15	3.6	791	19550	0.0601
5 x 1.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	20.1	750	12.1
5 x 2.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	21.2	860	7.41
5 x 4 RM	1	1.0	4	1.2	1.6	1.8	24.7	1260	4.61
7 x 1.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	21	840	12.1

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العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+

فاکس: ۳۴۲۷۰۵۵۴-۸۳-۹۸+

Size	Insulation thickness	Inner covering thickness	Screen section	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm^2	mm	mm	mm	mmm	Kg/km	Ω/km
7 x 2.5 RM	0.8	1.0	2.5	1.2	1.2	1.8	22.3	960	7.41
7 x 4 RM	1	1.0	4	1.2	1.6	1.8	26	1410	4.6
10 x 1.5 RM	0.8	1.0	2.5	1.2	1.6	1.8	25	1210	12.1
10 x 2.5 RM	0.8	1.0	4	1.2	1.6	1.8	26.8	1430	7.41
10 x 4 RM	1	1.1	6	1.2	1.6	1.8	3.9	1840	4.61
12x 1.5 RM	0.8	1.0	2.5	1.2	1.6	1.8	25.4	1260	12.1
12 x 2.5 RM	0.8	1.0	4	1.2	1.6	1.8	27.4	1500	7.41
12 x 4 RM	1	1.1	6	1.2	1.6	1.9	31.6	1990	4.61
19x 1.5 RM	0.8	1.1	4	1.2	1.6	1.8	28.3	1580	12.1
19 x 2.5 RM	0.8	1.1	6	1.2	1.6	1.8	30.8	1910	7.41
19 x 4 RM	1	1.2	10	1.2	2	2	36.7	2840	4.61
24x 1.5 RM	0.8	1.1	6	1.2	1.6	1.9	31.8	1960	12.1
24 x 2.5 RM	0.8	1.2	10	1.2	1.6	2	34.9	2450	7.41
30 x 1.5 RM	0.8	1.2	6	1.2	1.6	1.9	33.3	2100	12.1
30 x 2.5 RM	0.8	1.2	10	1.2	2	2	37.2	2890	7.41
40 x 1.5 RM	0.8	1.2	10	1.2	2	2	37.3	2800	12.1
40 x 2.5 RM	0.8	1.3	10	1.2	2	2.1	40.8	3420	7.41
50 x 1.5 RM	0.8	1.3	10	1.2	2	2.2	41.4	3360	12.1
50 x 2.5 RM	0.8	1.3	10	1.2	2	2.3	45.1	4100	7.41
61 x 1.5 RM	0.8	1.3	10	1.2	2	2.2	43.2	3690	12.1
61 x 2.5 RM	0.8	1.4	10	1.2	2	2.4	47.6	4640	7.41

کابل باختر

کابل برتر

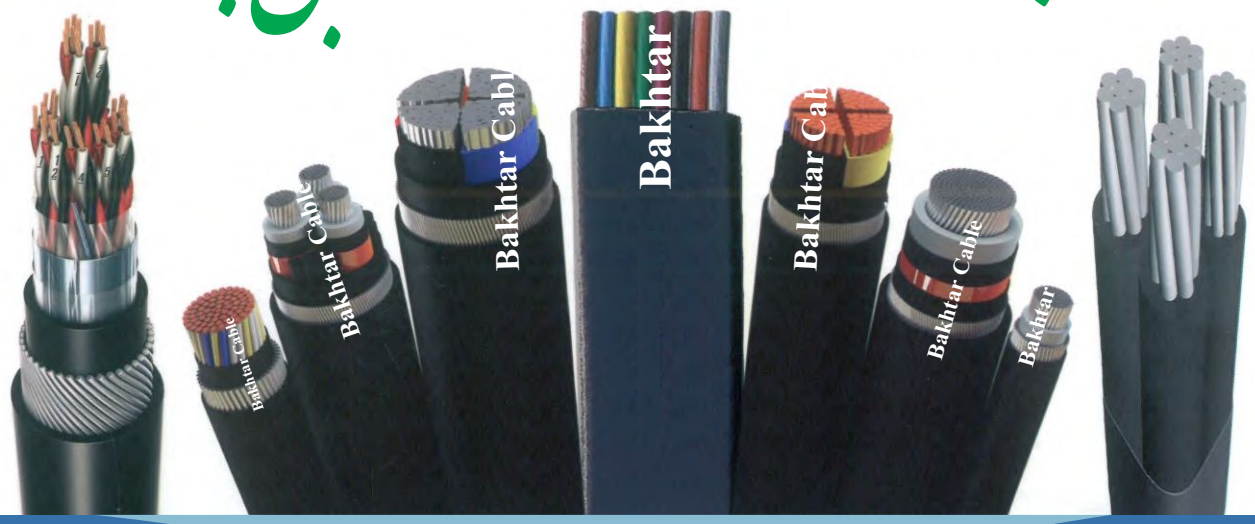
bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

کابل باختر

کابل برتر



Bakhtar Cable Co.

The First Holder Approvals from Ministry of Power, Ministry of Oil, Ministry of Roads and City planning, Department of Defense, Oil & Gas Company.

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کابل برتر

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نشانی کارخانه:
کرمانشاه، کیلومتر۵ جاده سنندج، شرکت کابل باختر
تلفن: ۶۳-۳۴۲۷۰۵۵۱-۰۸۳ فکس:۳۲۷۴۰۵۵۴ -۰۸۳

Power cable without screen & Armour
N2XY

1. **According to :** Acc . to IEC 60502-1 (or BS 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** XLPE
4. **Inner covering :** PVC
5. **Jacket :** PVC
6. **Nominal cross- section area :** 1.5 to 1000 mm^2
7. **Rated voltage :** 0.6/ 1.0 KV
8. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
1 x 1.5 RM	0.7	-	1.4	5.8	45	12.1
1 x 2.5 RM	0.7	-	1.4	6.3	60	7.41
1 x 4 RM	0.7	-	1.4	6.8	80	4.61
1 x 6 RM	0.7	-	1.4	7.4	100	3.08
1 x 10 RM	0.7	-	1.4	8.3	150	1.83
1 x 16 RM	0.7	-	1.4	9.4	210	1.15
1 x 25 RM	0.9	-	1.4	11.1	320	0.727
1 x 35 RM	0.9	-	1.4	12.2	420	0.524
1 x 50 RM	1.0	-	1.4	14	580	0.387
1 x 70 RM	1.1	-	1.4	15.9	780	0.268
1 x 95 RM	1.1	-	1.5	17.9	1000	0.193
1 x 120 RM	1.2	-	1.5	19.7	1300	0.153
1 x 150RM	1.4	-	1.6	22	1600	0.124
1 x 185 RM	1.6	-	1.6	24.2	2000	0.0991
1 x 240 RM	1.7	-	1.7	27	2500	0.754
1 x 300 RM	1.8	-	1.8	29.8	3100	0.0601
1 x 400 RM	2.0	-	1.9	33.8	4200	0.0470
1 x 500 RM	2.2	-	2.0	37.5	5200	0.0366
1 x 630 RM	2.4	-	2.2	41.8	6700	0.0283
1 x 800 RM	2.6	-	2.3	46.6	8500	0.0221
1 x 1000 RM	2.8	-	2.4	51.6	11000	0.0176
2 x 1.5 RM	0.7	1.0	1.8	11.6	180	12.1
2 x 2.5 RM	0.7	1.0	1.8	12.5	220	7.41
2 x 4 RM	0.7	1.0	1.8	13.6	280	4.61
2 x 6 RM	0.7	1.0	1.8	14.7	340	30.8
2 x 10 RM	0.7	1.0	1.8	16.5	470	1.83
2 x 16 RM	0.7	1.0	1.8	18.7	650	1.15
2 x 25 RM	0.9	1.0	1.8	22.1	950	0.727

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۹-۶۰-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
2 x 35 RM	0.9	1.0	1.8	24.4	1200	0.524
2 x 50 RM	0.9	1.0	1.8	28	1700	0.387
2 x 70 RM	1.1	1.0	1.8	31.7	2200	0.268
3 x 1.5 RM	0.7	1.0	1.8	12.1	200	12.1
3 x 2.5 RM	0.7	1.0	1.8	13	250	7.41
3 x 4 RM	0.7	1.0	1.8	14.2	320	4.61
3 x 6 RM	0.7	1.0	1.8	15.4	410	3.08
3 x 10 RM	0.7	1.0	1.8	17.4	570	1.83
3 x 16 RM	0.7	1.0	1.8	19.7	810	1.15
3 x 25 RM	0.9	1.0	1.8	23.3	1200	0.727
3 x 35 RM	0.9	1.0	1.8	25.8	1600	0.524
3 x 50 RM	1.0	1.0	1.8	29.7	2100	0.387
3 x 50 SM	1.0	-	1.8	24	1700	0.387
3 x 70 RM	1.1	1.0	1.9	33.9	2900	0.268
3 x 70 SM	1.1	-	1.9	27.7	2300	0.268
3 x 95 RM	1.1	1.2	2.0	38.4	3800	0.193
3 x 95 SM	1.1	1.2	2.0	30.7	3000	0.193
3 x 120 RM	1.2	1.2	2.1	42.5	4700	0.153
3 x 120 SM	1.2	-	2.1	33.8	3800	0.153
3 x 150 RM	1.4	-	2.3	38	4800	0.124
3 x 150 SM	1.6	-	2.4	42	5800	0.0991
3 x 240 SM	1.7	-	2.6	46.9	7500	0.754
3 x 300 SM	1.8	-	2.8	51.4	9300	0.0601
3 x 25+16 RM	0.9/0.7	1.0	1.8	24.4	1400	0.727/1.15
3 x 35+16 RM	0.9/0.7	1.0	1.8	26.5	1700	0.524/1.15
3 x 50+25 RM	1.0/0.9	1.0	1.8	30.8	2400	0.387/0.727
3 x 70+35 RM	1.1/0.9	1.2	1.9	35.5	3300	0.268/0.524
3 x 70+35 SM	1.1/0.9	-	1.9	29.5	2600	0.268/0.524
3 x 95+50 RM	1.1/1.0	1.2	2.1	40.2	4400	0.193/0.387
3 x 95+50 SM	1.1/1.0	-	2.1	33.3	3600	0.193/0.387
3 x 120+70 SM	1.2/1.1	-	2.2	36.6	4500	0.153/0.268
3 x 150+70 SM	1.4/1.1	-	2.3	40.8	5500	0.124/0.268
3 x 185+95 SM	1.6/1.1	-	2.5	45.2	6800	0.0991/0.193
3 x 240+120 SM	1.7/1.2	-	2.7	50.7	8700	0.754/0.153
4 x 1.5 RM	0.7	1.0	1.8	12.8	230	12.1
4 x 2.5 RM	0.7	1.0	1.8	13.9	290	7.41
4 x 4 RM	0.7	1.0	1.8	15.2	380	4.61
4 x 6 RM	0.7	1.0	1.8	16.6	490	3.08
4 x 10 RM	0.7	1.0	1.8	18.8	700	1.83
4 x 16 RM	0.7	1.0	1.8	21.4	1000	1.15

bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
4 x 25 RM	0.9	1.0	1.8	25.5	1500	0.727
4 x 35 RM	0.9	1.0	1.8	28.3	2000	0.524
4 x 50 RM	1.0	1.0	1.9	32.8	2700	0.387
4 x 50 SM	1.0	-	1.9	26.6	2200	0.387
4 x 70 RM	1.1	1.2	2	37.9	3700	0.268
4 x 70 SM	1.1	-	2	30.7	3000	0.268
4 x 95 RM	1.1	1.2	2.1	42.4	4900	0.193
4 x 95 SM	1.1	-	2.1	34.3	4000	0.193
4 x 120 SM	1.2	-	2.3	38.2	5000	0.153
4 x 150 SM	1.4	-	2.4	42.2	6300	0.124
4 x 185 SM	1.6	-	2.6	46.8	7700	0.0991
4 x 240 SM	1.7	-	2.8	52.5	9900	0.0754
4 x 300 SM	1.8	-	3	57.4	12000	0.0601
5 x 1.5 RM	2.7	1.0	1.8	13.7	260	12.1
5 x 2.5 RM	0.7	1.0	1.8	14.9	340	7.41
5 x 4 RM	0.7	1.0	1.8	16.4	450	4.61
5 x 6 RM	0.7	1.0	1.8	17.9	580	3.08
5 x 10 RM	0.7	1.0	1.8	20.4	830	1.83
5 x 16 RM	0.7	1.0	1.8	23.3	1200	1.15
5 x 25 RM	0.9	1.0	1.8	27.8	1800	0.727
5 x 35 RM	0.9	1.0	1.8	31	2400	0.524
5 x 50 RM	1.0	1.0	2	36.7	3400	0.387
5 x 70 RM	1.1	1.0	2.1	41.9	4500	0.268
6 x 1.5 RM	0.7	1.0	1.8	14.6	300	12.1
5 x 2.5 RM	0.7	1.0	1.8	16	390	7.41
6 x 4 RM	0.7	1.0	1.8	17.6	520	4.61
7 x 1.5 RM	0.7	1.0	1.8	14.6	310	12.1
7 x 2.5 RM	0.7	1.0	1.8	16	410	7.41
7 x 4 RM	0.7	1.0	1.8	17.6	550	4.61
12 x 1.5 RM	0.7	1.0	1.8	18	460	12.1
12 x 2.5 RM	0.7	1.0	1.8	19.9	620	7.41
12 x 4 RM	0.7	1.0	1.8	22.2	850	4.61
19 x 1.5 RM	0.7	1.0	1.8	20.6	630	12.1
19 x 2.5 RM	0.7	1.0	1.8	22.8	870	7.41
19 x 4 RM	0.7	1.0	1.8	25.5	1200	4.61
24 x 1.5 RM	0.7	1.0	1.8	23.6	780	12.1
24 x 2.5 RM	0.7	1.0	1.8	26.3	1100	7.41
37 x 1.5 RM	0.7	1.0	1.8	26.6	1100	12.1
37 x 2.5 RM	0.7	1.0	1.8	29.7	1500	7.41
61 x 1.5 RM	0.7	1.2	1.9	33.2	1700	12.1
61 x 2.5 RM	0.7	1.2	2	37.4	2400	7.41

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Power cable with concentric wire screen
N2XCY

1. **According to :** Acc . to IEC 60502-1 (or Bs 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** XLPE
4. **Inner covering :** PVC
5. **Armour :** Conentric copper wire screen with copper tapecounter helix
6. **Jacket :** PVC
7. **Nominal cross- section area :** 1.5 to 1000 mm^2
8. **Rated voltage :** 0.6/ 1.0 KV
9. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm^2	mm	mm	Kg/km	Ω/km
1 x 1.5 RM	0.7	1.0	2.5	1.8	10	120	12.1
1 x 2.5 RM	0.7	1.0	2.5	1.8	10.4	140	7.41
1x 4 RM	0.7	1.0	4	1.8	11.3	170	4.61
1 x 6 RM	0.7	1.0	6	1.8	12.2	220	3.08
1 x 10 RM	0.7	1.0	10	1.8	13.5	310	1.83
1 x 16 RM	0.7	1.0	16	1.8	15.2	430	1.15
1 x 25 RM	0.9	1.0	16	1.8	16.7	550	0.727
1 x 32 RM	0.9	1.0	16	1.8	17.4	650	0.524
1x 50 RM	1.0	1.0	16	1.8	18.8	780	0.387
1 x 70 RM	1.1	1.0	16	1.8	20.4	990	0.268
1 x 95 RM	1.1	1.0	16	1.8	22.2	1260	0.193
1 x 120 RM	1.2	1.1	16	1.8	24.2	1520	0.153
1 x 150 RM	1.4	1.1	25	1.8	26.5	1890	0.124
1 x 185 RM	1.6	1.2	25	1.8	28.5	2280	0.0991
1x 240 RM	1.7	1.2	25	1.8	31.3	2850	0.0754
1 x 300 RM	1.8	1.3	25	1.9	34.2	3480	0.0601
1 x 400 RM	2.0	1.3	35	2.0	37.7	4410	0.047
1 x 500 RM	2.2	1.4	35	2.1	41.8	5520	0.0366
1 x 630 RM	2.4	1.5	35	2.2	46.5	7140	0.0283
1 x 800 RM	2.6	1.6	35	2.4	51.7	9020	0.0221
1x 1000 RM	2.8	1.7	35	2.5	56.7	11160	0.0176
2 x 1.5 RM	0.7	1.0	2.5	1.8	12.7	200	12.1
2 x 2.5 RM	0.7	1.0	2.5	1.8	13.5	230	7.41
2 x 4 RM	0.7	1.0	4	1.8	14.8	300	4.61
2 x 6 RM	0.7	1.0	6	1.8	16.2	380	3.08
2 x 10 RM	0.7	1.0	10	1.8	18.2	530	1.83
2 x 16 RM	0.7	1.0	16	1.8	20.5	760	1.15
2 x 25 RM	0.9	1.1	16	1.8	24.1	1040	0.727
2 x 35 RM	0.9	1.1	16	1.8	26.3	1300	0.524
2 x 50 RM	1.0	1.2	25	1.8	29.4	1720	0.387
2 x 70 RM	1.1	1.3	35	1.9	34.1	2390	0.268
3 x 1.5 RM	0.7	1.0	2.5	1.8	13.1	210	12.1

bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm^2	mm	mm	Kg/km	Ω/km
3 x 2.5 RM	0.7	1.0	2.5	1.8	13.8	260	7.41
3 x 4 RM	0.7	1.0	4	1.8	15.3	340	4.61
3x 6 RM	0.7	1.0	6	1.8	16.5	430	3.08
3 x 10 RM	0.7	1.0	10	1.8	19	630	1.83
3 x 16 RM	0.7	1.0	16	1.8	21.5	900	1.15
3 x 25 RM	0.9	1.1	16	1.8	25.3	1270	0.727
3 x 35 RM	0.9	1.1	16	1.8	275	1610	0.524
3 x 50 RM	0.9	1.2	25	1.8	31	2130	0.387
3 x 70 SM	1.1	1.2	35	1.9	32.5	2640	0.268
3 x 95 SM	1.1	1.3	50	2.1	36.3	3590	0.193
3 x 120 SM	1.2	1.3	70	2.2	39.8	4500	0.153
3 x 150 SM	1.4	1.4	70	2.3	43.8	5400	0.124
3 x 185 SM	1.6	1.5	95	2.5	48.4	6800	0.0991
3 x 240 SM	1.7	1.6	120	2.7	53.9	8770	0.0754
3 x 300 SM	1.8	1.6	150	2.9	58.4	10860	0.0601
3 x 400 SM	2.0	1.8	185	3.2	66.2	13790	0.047
3 x 25+16 RM	0.9/0.7	1.1	16	1.8	26.3	1430	0.727 / 1.15
3 x 35+16 RM	0.9/0.7	1.2	16	1.8	28.4	1770	0.524 / 1.15
3 x 50+25 RM	1.0/0.9	1.2	25	1.9	32.4	2400	0.387 / 0.727
3 x 70+35 SM	1.1/0.9	1.2	35	2.0	34.5	3010	0.268 / 0.524
3 x 95+50 SM	1.1/1.0	1.3	50	2.1	38.7	4060	0.193 / 0.387
3 x 120+70 SM	1.2/1.1	1.4	70	2.3	42.8	5200	0.153 / 0.268
3 x 150+70 SM	1.4/1.1	1.4	70	2.4	46.8	6100	0.124 / 0.268
3 x 185+95 SM	1.6/1.1	1.5	95	2.6	51.6	7760	0.0991 / 0.193
3 x 240+120 SM	1.7/1.2	1.6	120	2.8	57.3	9960	0.754 / 0.153
3 x 300+150 SM	1.8/1.4	1.7	150	3.0	63.2	12370	0.0601 / 0.124
4 x 1.5 RM	0.7	1.0	2.5	1.8	13.9	240	12.1
4 x 2.5 RM	0.7	1.0	2.5	1.8	14.7	300	7.41
4 x 4 RM	0.7	1.0	4	1.8	16.3	390	4.61
4 x 6 RM	0.7	1.0	6	1.8	17.6	510	3.08
4 x 10 RM	0.7	1.0	10	1.8	20.4	750	1.83
4 x 16 RM	0.7	1.1	16	1.8	23.3	1090	1.15
4 x 25 RM	0.9	1.1	16	1.8	27.1	1550	0.727
4 x 35 RM	0.9	1.2	16	1.8	30	1990	0.524
4 x 50 RM	1.0	1.3	25	1.9	34.2	2660	0.387
4 x 70 SM	1.1	1.3	35	2.1	35.9	3370	0.268
4 x 95 SM	1.1	1.3	50	2.2	39.9	4540	0.193
4 x 120 SM	1.2	1.4	70	2.3	44	5710	0.153
4 x 150 SM	1.4	1.5	70	25	48.2	6890	0.124
4 x 185 SM	1.6	1.6	95	2.7	53.4	8660	0.0991
4 x 240 SM	1.7	1.7	120	2.9	59.3	11180	0.754
4 x 300 SM	1.8	1.8	150	3.1	64.8	13880	0.0601
5 x 1.5 RM	0.7	1.0	2.5	1.8	14.6	280	12.1
5 x 2.5 RM	0.7	1.0	2.5	1.8	15.7	340	7.41
5 x 4 RM	0.7	1.0	4	1.8	17.3	450	4.61
7 x 1.5 RM	0.7	1.0	2.5	1.8	15.4	320	12.1
7 x 2.5 RM	0.7	1.0	2.5	1.8	16.7	400	7.41
7 x 4 RM	0.7	1.0	4	18	18.4	540	4.61
10 x 1.5 RM	0.7	1.0	2.5	1.8	18.4	420	12.1
10 x 2.5 RM	0.7	1.0	4	1.8	20.2	560	7.41
10 x 4 RM	0.7	1.1	6	1.8	22.7	770	4.61
12 x 1.5 RM	0.7	1.0	2.5	1.8	18.8	460	12.1
12 x 2.5 RM	0.7	1.0	4	1.8	20.7	620	7.41

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۱-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳-۹۸+

Size	Insulation thickness	Inner covering thickness	Screen section	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm²	mm	mm	Kg/km	Ω/km
12 x 4 RM	0.7	1.1	6	1.8	23.3	860	4.61
19 x 1.5 RM	0.7	10	4	1.8	21.5	640	12.1
19 x 2.5 RM	0.7	1.1	6	1.8	24	880	7.41
19 x 4 RM	0.7	1.1	10	1.8	26.5	1230	4.61
24x 1.5 RM	0.7	1.1	6	1.8	248	860	12.1
24x 2.5 RM	0.7	1.2	10	1.8	27.5	1200	7.41
30 x 1.5 RM	0.7	1.1	6	1.8	25.8	920	12.1
30x 2.5 RM	0.7	1.2	10	1.8	28.9	1300	7.41
40 x 1.5 RM	0.7	1.2	10	1.8	28.9	1200	12.1
40x 2.5 RM	0.7	1.2	10	1.8	32.1	1640	7.41
50 x 1.5 RM	0.7	1.2	10	1.8	32.3	1500	12.1
50x 2.5 RM	0.7	1.3	10	1.8	36.2	2070	7.41
61 x 1.5 RM	0.7	1.3	10	1.8	34.2	1730	12.1
61x 2.5 RM	0.7	1.4	10	1.8	38.6	2440	7.41

Address : Kermanshah,sanandaj Road 5th KM

bakhtarcable co

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Power cable with wire armour
N2XRY

1. **According to :** Acc . to IEC 60502-1 (or Bs 5467 or VDE 0271)
2. **Conductor :** Bare (or tinned) Stranded (or solid or flexible) annealed copper
3. **Insulation :** XLPE
4. **Inner covering :** PVC
5. **Armour :** Galvanized steel wire armour for multi core Aluminum wire armour for single core
6. **Jacket :** PVC
7. **Nominal cross- section area :** 1.5 to 1000 mm^2
8. **Rated voltage :** 0.6/ 1.0 KV
9. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Aee. to IEC 60332-3 (optional)

Size	Insulation thickness	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
1 x 6 RM	0.7	1.0	0.9	1.8	12	290	3.08
1 x 10 RM	0.7	1.0	0.9	1.8	12.9	350	1.83
1 x 16 RM	0.7	1.0	0.9	1.8	14	440	1.15
1 x 25 RM	0.9	1.0	0.9	1.8	15.7	580	0.727
1 x 35 RM	0.9	1.0	0.9	1.8	16.8	710	0.524
1 x 50 RM	1.0	1.0	1.2	1.8	18.8	950	0.387
1 x 70 RM	1.1	1.0	1.2	1.8	20.8	1200	0.268
1 x 95 RM	1.1	1.0	1.2	1.8	22.6	1520	0.193
1 x 120 RM	1.2	1.1	1.6	1.8	25.4	1970	0.153
1 x 150 RM	1.4	1.1	1.6	1.8	27.3	2330	0.124
1 x 185 RM	1.6	1.2	1.6	1.8	29.7	2780	0.0991
1 x 240 RM	1.7	1.2	1.6	1.9	32.7	3460	0.0754
1 x 300 RM	1.8	1.3	1.6	1.9	35.4	4140	0.0601
1 x 400 RM	2.0	1.3	2.0	2.1	39.9	5400	0.047
1 x 500 RM	2.2	1.4	2.0	2.2	44	6670	0.0366
1 x 630 RM	2.4	1.5	2.0	2.3	48.7	8440	0.0283
1 x 800 RM	2.6	1.6	2.5	2.5	54.9	10990	0.0221
1 x 1000 RM	2.8	1.7	2.5	2.7	60.3	13400	0.0176
2 x 1.5 RM	0.7	1.0	0.9	1.8	13.5	320	12.1
2 x 2.5 RM	0.7	1.0	0.9	1.8	14.3	380	7.41
2 x 4 RM	0.7	1.0	0.9	1.8	15.4	440	4.61
2 x 6 RM	0.7	1.0	0.9	1.8	16.4	520	3.08
2 x 10 RM	0.7	1.0	1.2	1.8	18.8	760	1.83
2 x 16 RM	0.7	1.0	1.2	1.8	20.9	980	1.15
2 x 25 RM	0.9	1.1	1.6	1.8	25.3	1500	0.727
2 x 35 RM	0.9	1.1	1.6	1.8	27.5	1810	0.524
2 x 50 RM	1.0	1.2	1.6	1.8	30.6	2250	0.387
2 x 70 RM	1.1	1.3	1.6	2.0	35.1	2970	0.268
2 x 95 RM	1.1	1.3	2.0	2.1	39.8	4040	0.193
3 x 1.5 RM	0.7	1.0	0.9	1.8	13.9	350	12.1

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

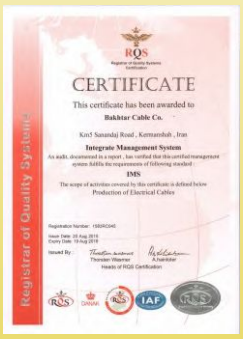
Size	Insulation thickness	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
3 x 2.5 RM	0.7	1.0	0.9	1.8	14.8	420	7.41
3 x 4 RM	0.7	1.0	0.9	1.8	15.9	490	4.61
3x 6 RM	0.7	1.0	0.9	1.8	17.1	590	3.08
3 x 10 RM	0.7	1.0	1.2	1.8	19.6	870	1.83
3 x 25 RM	0.9	1.1	1.6	1.8	26.6	1760	0.727
3 x 35 RM	0.9	1.1	1.6	1.8	28.9	2190	0.524
3 x 50 RM	1.0	1.2	1.6	1.9	32.4	2740	0.387
3 x 70 SM	1.1	1.2	2.0	2.0	34.3	3430	0.268
3 x 95 SM	1.1	1.3	2.0	2.2	37.7	4330	0.193
3 x 120 SM	1.2	1.3	2.0	2.3	40.8	5160	0.153
3 x 150 SM	1.4	1.4	2.5	2.5	46.2	6650	0.124
3 x 185 SM	1.6	1.6	2.5	2.6	50.4	7960	0.0991
3 x 240 SM	1.7	1.6	2.5	2.8	55.5	9930	0.0754
3 x 300 SM	1.8	1.6	2.5	3.0	60	11900	0.0601
3 x 25+16 RM	0.9/0.7	1.1	1.6	1.8	27.5	1950	0.727 / 1.15
3 x 35+16 RM	0.9/0.7	1.2	1.6	1.8	29.8	2350	0.524 / 1.15
3 x 50+25 RM	1.0/0.9	1.2	1.6	1.9	33.6	3020	0.387 / 0.727
3 x 70+35 SM	1.1/0.9	1.2	2.0	2.1	36.3	3840	0.268 / 0.524
3 x 95+50 SM	1.1/1.0	1.3	2.0	2.2	40.1	4910	0.193 / 0.387
3 x 120+70 SM	1.2/1.1	1.4	2.0	2.3	13.6	5950	0.153 / .268
3 x 150+70 SM	1.1/1.1	1.4	2.5	2.5	49	7420	0.124 / 0.268
3 x 185+95 SM	1.6/1.1	1.5	2.5	2.7	53.6	9080	0.0991 / 0.193
3 x 240+120 SM	1.7/1.2	1.6	2.5	2.9	59.3	11300	0.754 / 0.153
3 x 300+150 SM	1.8/1.4	1.7	2.5	3.0	64.6	13620	0.601 / 0.124
4 x 1.5 RM	0.7	1.0	0.9	1.8	14.7	390	12.1
4 x 2.5 RM	0.7	1.0	0.9	1.8	15.7	740	7.41
4 x 4 RM	0.7	1.0	0.9	1.8	16.9	570	4.61
4 x 6 RM	0.7	1.0	1.2	1.8	18.8	780	3.08
4 x 10 RM	0.7	1.0	1.2	1.8	21	1030	1.83
4 x 16 RM	0.7	1.1	1.6	1.8	24.5	1550	1.15
4 x 25 RM	0.9	1.1	1.6	1.8	28.5	2100	0.727
4 x 35 RM	0.9	1.2	1.6	1.9	31.6	2660	0.524
4 x 50 RM	1.0	1.3	1.6	2.0	35.6	3340	0.387
4 x 70 SM	1.1	1.3	2.0	2.1	37.5	4240	0.268
4 x 95 SM	1.1	1.3	2.0	2.3	41.3	5380	0.193
4 x 120 SM	1.2	1.4	2.5	2.5	46.4	6960	0.153
4 x 150 SM	1.4	1.5	2.5	2.6	50.6	8290	0.124
4 x 185 SM	1.6	1.6	2.5	2.8	55.4	10060	0.0991
4 x 240 SM	1.7	1.7	2.5	3.0	61.3	12600	0.754
4 x 300 SM	1.8	1.8	2.5	3.2	66.4	15240	0.0601
5 x 1.5 RM	0.7	1.0	0.9	1.8	15.6	450	12.1
5 x 2.5 RM	0.7	1.0	0.9	1.8	16.7	540	7.41
5 x 4 RM	0.7	1.0	1.2	1.8	18.7	740	4.61
5 x 6 RM	0.7	1.0	1.2	1.8	20.1	900	3.08
5 x 10 RM	0.7	1.0	1.2	1.8	22.6	1200	1.83
5 x 16 RM	0.7	1.1	1.6	1.8	26.4	1780	1.15
5 x 25 RM	0.9	1.2	1.6	1.8	31.1	2510	0.727
5 x 35 RM	0.9	1.2	1.6	1.9	34.3	3130	0.524
5 x 50 RM	1.0	1.3	2.0	2.1	39.7	4240	0.387
7 x 1.5 RM	0.7	1.0	0.9	1.8	16.4	500	12.1
7 x 2.5 RM	0.7	1.0	1.2	1.8	18.3	690	7.41
7 x 4 RM	0.7	1.0	1.2	1.8	19.8	850	4.61
7 x 6 RM	0.7	1.0	1.2	1.8	21.4	1050	3.08

bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Inner covering thickness	wire Armour diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
7 x 10 RM	0.7	1.1	1.6	1.8	25.1	1600	1.83
12x 1.5 RM	0.7	1.0	1.2	1.8	20.4	800	12.1
12x 2.5 RM	0.7	1.0	1.2	1.8	22.1	980	7.41
12 x 4 RM	0.7	1.1	1.6	1.8	25.3	1410	4.61
19 x 1.5 RM	0.7	1.0	1.2	1.8	22.9	1020	12.1
19 x 2.5 RM	0.7	1.1	1.6	1.8	26	1460	7.41
24 x 1.5 RM	0.7	1.1	1.6	1.8	26.8	1480	12.1
24 x 2.5 RM	0.7	1.2	1.6	1.8	29.5	1840	7.41
30 x 1.5 RM	0.7	1.1	1.6	1.8	28	1580	12.1
30 x 2.5 RM	0.7	1.2	1.6	1.9	31.1	2000	7.41
40 x 1.5 RM	0.7	1.2	1.6	1.9	31.1	1890	12.1
40 x 2.5 RM	0.7	1.2	1.6	2.0	34.3	2430	7.41
50 x 1.5 RM	0.7	1.2	1.6	2.0	34.5	2290	12.1
50 x 2.5 RM	0.7	1.3	2.0	2.1	39.2	3250	7.41
61 x 1.5 RM	0.7	1.3	2.0	2.1	37.4	8080	12.1
61 x 2.5 RM	0.7	1.4	2.0	2.2	41.6	3720	7.41

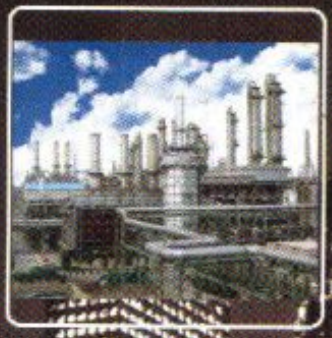


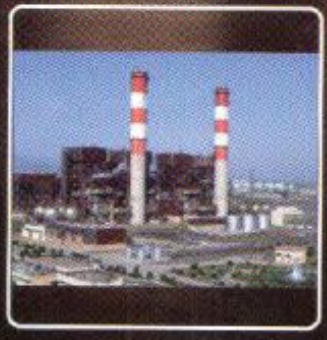

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس: ۳۴۲۷۰۵۵۴-۸۳+۹۸

Bakhtar Cable CO.





Control cable without screen

NYSLY

1. **According to :** VDE 0250 (or IEC 60227 , or ISIRI 607 or BS 6004)
2. **Conductor :** Bare (or tinned) flexible annealed copper
3. **Insulation :** PVC
4. **Jacket :** PVC
5. **Nominal cross-sectoin area :** 0.5 to 2.5 mm^2
6. **Rated voltage :** 300/500 V
7. **Number of wire :** 2-61 core
8. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall Diameter	Total weight	DC resistsnce at 20 C°
	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.8	5.9	45	39
3 x 0.5	0.6	0.8	6.3	55	39
4 x 0.5	0.6	0.8	6.8	65	39
5 x 0.5	0.6	0.8	7.5	75	39
7 x 0.5	0.6	1.0	8.5	11	39
10 x 0.5	0.6	1.2	11.0	160	39
12 x 0.5	0.6	1.2	11.4	180	39
14 x 0.5	0.6	1.2	11.9	200	39
19 x 0.5	0.6	1.2	13.2	250	39
20 x 0.5	0.6	1.2	13.9	260	39
24 x 0.5	0.6	1.2	15.3	310	39
27 x 0.5	0.6	1.5	16.3	360	39
30 x 0.5	0.6	1.5	16.8	390	39
33 x 0.5	0.6	1.5	17.5	420	39
37 x 0.5	0.6	1.8	18.7	490	39
42 x 0.5	0.6	1.8	20.0	550	39
48 x 0.5	0.6	1.8	21.2	610	39
52 x 0.5	0.6	1.8	21.7	650	39
61 x 1	0.6	1.8	23.0	740	39
2 x 0.75	0.6	0.8	6.3	55	26
3 x 0.75	0.6	0.8	6.7	65	26
4 x 0.75	0.6	0.8	7.3	80	26
5 x 0.75	0.6	1.0	8.3	100	26
7 x 0.75	0.6	1.0	9.0	130	26
10 x 0.75	0.6	1.2	11.8	190	26
12 x 0.75	0.6	1.2	12.1	210	26
14 x 0.75	0.6	1.2	12.7	240	26

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Jacket thickness	Overall Diameter	Total weight	DC resistsnce at 20 C°
	mm	mm	mm	Kg/km	Ω/km
19 x 0.75	0.6	1.2	14.1	310	26
20 x 0.75	0.6	1.2	14.8	320	26
24 x 0.75	0.6	1.5	17.0	410	26
27 x 0.75	0.6	1.5	17.4	440	26
30 x 0.75	0.6	1.5	18.0	480	26
33 x 0.75	0.6	1.8	19.3	550	26
37 x 0.75	0.6	1.8	20.0	600	26
42 x 0.75	0.6	1.8	21.4	670	26
48 x 0.75	0.6	1.8	22.6	750	26
52 x 0.75	0.6	1.8	23.2	800	26
61 x 0.75	0.6	2.1	25.2	950	26
2 x 1	0.6	0.8	6.6	65	19.5
3 x 1	0.6	0.8	7.0	75	19.5
4 x 1	0.6	0.8	7.6	90	19.5
5 x 1	0.6	1.0	8.8	120	19.5
7 x 1	0.6	1.0	9.5	150	19.5
10 x 1	0.6	1.2	12.4	220	19.5
12 x 1	0.6	1.2	12.8	250	19.5
14 x 1	0.6	1.2	13.4	280	19.5
19 x 1	0.6	1.2	14.9	360	19.5
20 x 1	0.6	1.5	16.3	400	19.5
24 x 1	0.6	1.5	18.0	480	19.5
27 x 1	0.6	1.8	19.0	540	19.5
30 x 1	0.6	1.8	19.6	590	19.5
33 x 1	0.6	1.8	20.3	640	19.5
37 x 1	0.6	1.8	21.1	700	19.5
42 x 1	0.6	1.8	22.6	790	19.5
48 x 1	0.6	2.1	24.5	920	19.5
52 x 1	0.6	2.1	25.2	980	19.5
61 x 1	0.6	2.1	26.7	1100	19.5
2 x 1.5	0.6	0.8	7.2	80	13.3
3 x 1.5	0.6	0.8	7.6	95	13.3
4 x 1.5	0.6	1.0	8.7	120	13.3
5 x 1.5	0.6	1.0	9.5	150	13.3
7 x 1.5	0.6	1.2	10.8	200	13.3
10 x 1.5	0.6	1.2	13.5	280	13.3
12 x 1.5	0.6	1.2	13.9	320	13.3
14 x 1.5	0.6	1.2	14.7	360	13.3
19 x 1.5	0.6	1.5	16.9	490	13.3
20 x 1.5	0.6	1.5	17.8	510	13.3
24 x 1.5	0.6	1.8	20.3	640	13.3
27 x 1.5	0.6	1.8	20.7	700	13.3

bakhtarcable co

Address : Kermanshah,sanandaj Road 5th KM

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Jacket thickness	Overall Diameter	Total weight	DC resistsnce at 20 C°
	mm	mm	mm	Kg/km	Ω/km
30 x 1.5	0.6	1.8	21.4	780	13.3
33 x 1.5	0.6	1.8	22.2	820	13.3
37 x 1.5	0.6	1.8	23.0	900	13.3
42 x 1.5	0.6	2.1	25.4	1000	13.3
48 x 1.5	0.6	2.1	26.8	1200	13.3
52 x 1.5	0.6	2.1	27.5	1300	13.3
61 x 1.5	0.6	2.1	29.2	1400	13.3
2 x 2.5	0.7	1.0	8.7	120	7.98
3 x 2.5	0.7	1.0	9.2	140	7.98
7 x 2.5	0.7	1.2	10.5	180	7.98
2 x 2.5	0.7	1.2	11.5	220	7.98
7 x 2.5	0.7	1.2	12.5	280	7.98
10x 2.5	0.7	1.5	16.4	420	7.98
12 x 2.5	0.7	1.5	19.9	480	7.98
14 x 2.5	0.7	1.5	17.8	540	7.98
19 x 2.5	0.7	1.8	20.4	730	7.98
20 x 2.5	0.7	1.8	21.4	760	7.98
24 x 2.5	0.7	2.1	24.3	940	7.98
27 x 2.5	0.7	2.1	24.8	1000	7.98
30 x 2.5	0.7	2.1	25.7	1100	7.98
33 x 2.5	0.7	2.1	26.7	1200	7.98
37 x 2.5	0.7	2.1	27.7	1300	7.98
42 x 2.5	0.7	2.4	30.4	1500	7.98
48 x 2.5	0.7	2.4	32.1	1700	7.98
52 x 2.5	0.7	2.4	33.0	1900	7.98
61 x 2.5	0.7	2.7	35.6	2200	7.98

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+

فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Control cable with out braid screen
NYSLYCY

1. **According to :** VDE 0250 (or IEC 60227 , BS 6500, ISIRI 607)
2. **Conductor :** Bare (or Tinned) Flexible Copper , class 5
3. **Insulation :** PVC
4. **Bedding :** PVC (or Mylar polyester tape similar to Lighting cable)
5. **Screen :** Bare (or Tinned) Cppper wire braid screen
6. **Jacket :** PVC
7. **Rated voltage :** 300/500 V
8. **Nominal Cross Sectoin :** 0.5 to 25 mm2 (and more)
8. **Number of wire :** 2-61 wire

Size	Insulation thickness	Bedding thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.6	1.0	8.1	99	39
3 x 0.5	0.6	0.6	1.0	85	110	39
4 x 0.5	0.6	0.7	1.0	9.2	130	39
5 x 0.5	0.6	0.7	1.0	9.9	150	39
7 x 0.5	0.6	0.7	1.2	10.9	180	39
10 x 0.5	0.6	0.8	1.2	13.2	250	39
12 x 0.5	0.6	0.8	1.2	13.8	290	39
14 x 0.5	0.6	0.8	1.2	14.3	310	39
19 x 0.5	0.6	1.0	1.5	16.6	420	39
20 x 0.5	0.6	1.0	1.5	17.3	440	39
24 x 0.5	0.6	1.0	1.8	19.3	530	39
27 x0.5	0.6	1.0	1.8	19.7	560	39
30 x 0.5	0.6	1.0	1.8	20.2	600	39
33 x 0.5	0.6	1.0	1.8	20.9	640	39
37 x 0.5	0.6	1.2	1.8	21.9	710	39
42 x 0.5	0.6	1.2	1.8	23.2	780	39
48 x 0.5	0.6	1.2	2.1	25.0	890	39
52 x 0.5	0.6	1.2	2.1	25.7	970	39
61 x 0.5	0.6	1.2	2.1	27.0	1080	39
2 x 0.75	0.6	0.6	1.0	8.5	110	26
3 x 0.75	0.6	0.7	1.0	9.1	130	26
4 x 0.75	0.6	0.7	1.0	9.7	150	26
5 x 0.75	0.6	0.7	1.2	10.7	180	26
7 x 0.75	0.6	0.7	1.2	11..4	210	26
10 x 0.75	0.6	0.8	1.2	14.2	310	26
12 x 0.75	0.6	0.8	1.2	14.5	330	26
14 x 0.75	0.6	1.0	1.5	16.1	400	26
19 x 0.75	0.6	1.0	1.5	17.5	480	26
20 x 0.75	0.6	1.0	1.8	18.8	530	26
24 x 0.75	0.6	1.0	1.8	20.4	610	26
27 x 0.75	0.6	1.0	1.8	20.8	650	26
30 x 0.75	0.6	1.0	1.8	21.4	700	26
33 x 0.75	0.6	1.2	1.8	22.5	770	26
37 x 0.75	0.6	1.2	1.8	23.2	830	26
42 x 0.75	0.6	1.2	2.1	25.4	980	26
48 x 0.75	0.6	1.2	2.1	26.6	1080	26
52 x 0.75	0.6	1.2	2.1	27.2	1140	26

bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Size	Insulation thickness	Bedding thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
61 x 0.75	0.6	1.4	2.1	29.0	1300	26
2 x 1	0.6	0.6	1.0	8.8	120	19.5
3 x 1	0.6	0.7	1.0	9.4	140	19.5
4 x 1	0.6	0.7	1.0	10.0	160	19.5
5 x 1	0.6	0.7	1.2	11.2	200	19.5
7 x 1	0.6	0.7	1.2	11.9	230	19.5
10 x 1	0.6	0.8	1.2	14.8	340	19.5
12 x 1	0.6	1.0	1.5	16.2	410	19.5
14 x 1	0.6	1.0	1.5	16.8	450	19.5
19 x 1	0.6	1.0	1.8	18.9	570	19.5
20 x 1	0.6	1.0	1.8	19.7	600	19.5
21 x 1	0.6	1.0	1.8	21.4	690	19.5
27 x 1	0.6	1.2	1.8	22.2	760	19.5
30 x 1	0.6	1.2	1.8	22.8	820	19.5
33 x 1	0.6	1.2	1.8	23.5	870	19.5
37 x 1	0.6	1.2	2.1	24.9	980	19.5
42 x 1	0.6	1.2	2.1	26.6	1110	19.5
48 x 1	0.6	1.4	2.1	28.3	1260	19.5
52 x 1	0.6	1.4	2.1	29.0	1330	19.5
61 x 1	0.6	1.4	2.4	31.1	1530	19.5
2 x 1.5	0.6	0.7	1.0	9.6	150	13.3
3 x 1.5	0.6	0.7	1.0	10.0	170	13.3
4 x 1.5	0.6	0.7	1.2	11.1	200	13.3
5 x 1.5	0.6	0.7	1.2	11.9	230	13.3
7 x 1.5	0.6	0.8	1.2	13.0	290	13.3
10 x 1.5	0.6	1.0	1.5	16.9	450	13.3
12 x 1.5	0.6	1.0	1.5	17.3	490	13.3
14 x 1.5	0.6	1.0	1.8	18.7	570	13.3
19 x 1.5	0.6	1.0	1.8	20.3	690	13.3
20 x 1.5	0.6	1.0	1.8	21.2	730	13.3
24 x 1.5	0.6	1.2	1.8	23.5	870	13.3
27 x 1.5	0.6	1.2	2.1	24.5	970	13.3
30 x 1.5	0.6	1.2	2.1	25.4	1070	13.3
33 x 1.5	0.6	1.2	2.1	26.2	1140	13.3
37 x 1.5	0.6	1.2	2.1	27.0	1240	13.3
42 x 1.5	0.6	1.4	2.1	29.2	1400	13.3
48 x 1.5	0.6	1.4	2.4	31.2	1590	13.3
52 x 1.5	0.6	1.4	2.4	31.9	1690	13.3
61 x 1.5	0.6	1.4	2.4	33.6	1900	13.3
2 x 2.5	0.6	0.7	1.2	11.1	200	7.98
3 x 2.5	0.6	0.7	1.2	11.6	230	7.98
4 x 2.5	0.6	0.8	1.2	12.7	270	7.98
5 x 2.5	0.6	0.8	1.2	13.9	330	7.98
7 x 2.5	0.6	1.0	1.2	15.3	420	7.98
10 x 2.5	0.6	1.0	1.8	19.8	620	7.98
12 x 2.5	0.6	1.0	1.8	20.3	690	7.98
14 x 2.5	0.6	1.0	1.8	21.2	760	7.98
19 x 2.5	0.6	1.2	1.8	23.6	960	7.98
20 x 2.5	0.6	1.2	2.1	25.4	1080	7.98
21 x 2.5	0.6	1.4	2.1	28.1	1280	7.98
27 x 2.5	0.6	1.4	2.1	28.6	1370	7.98
30 x 2.5	0.6	1.4	2.4	30.1	1520	7.98
33 x 2.5	0.6	1.4	2.4	31.1	1630	7.98
37 x 2.5	0.6	1.4	2.4	32.1	1770	7.98

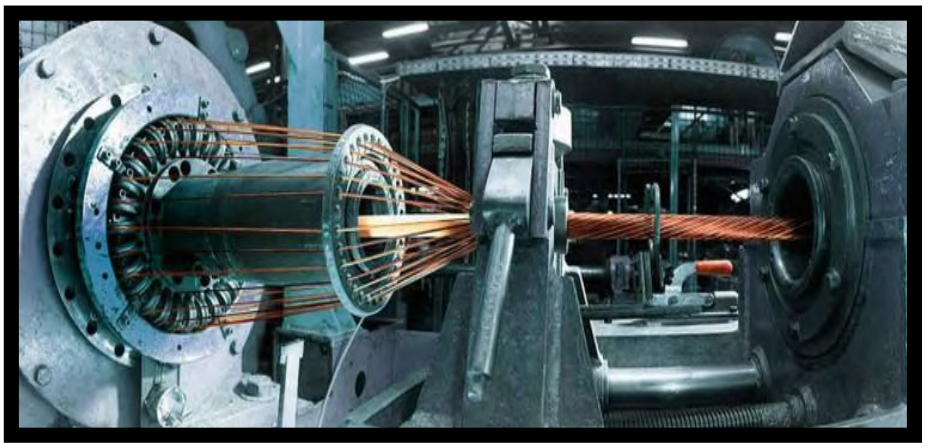
bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+

فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Bedding thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
4 x 2.5	0.7	1.6	2.4	34.8	2040	7.98
48 x 2.5	0.7	1.6	2.4	37.1	2310	7.98
52 x 2.5	0.7	1.6	2.4	38.0	2450	7.98
61 x 2.5	0.7	1.6	2.4	40.4	2800	7.98



bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Control cable without strand conductor
NYM

1. **According to :** VDE 0250 (or IEC 60227 , or ISIRI 607 or BS 6004)
2. **Conductor :** Bare (or tinned) stranded annealed copper
3. **Insulation :** PVC
4. **Bedding :** PVC
5. **Jacket :** PVC
6. **Nominal cross-sectoin area :** 1.5 to 3.5 mm^2
7. **Rated voltage :** 300/500 V
8. **Number of wire :** 1-7 core
9. **Flame retardant :** Acc. to IEC 60332-1

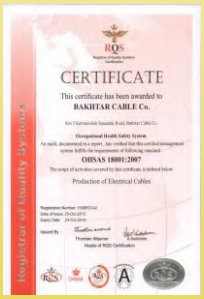
Size	Insulation thickness	Bedding thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
1 x 1.5	0.6	-	1.4	5.6	45	12.1
1 x 2.5	0.7	-	1.4	6.3	60	7.41
1 x 4	0.8	-	1.4	7.0	85	4.61
1 x 6	0.8	-	1.4	7.6	110	3.08
1 x 10	1.0	-	1.4	8.9	170	1.83
1 x 16	1.0	-	1.4	10.0	240	1.15
1 x 2.5	1.2	-	1.4	11.6	350	0.727
1 x 35	1.2	-	1.4	12.8	450	0.524
2 x 1.5	0.6	0.6	1.4	9.6	130	12.1
2 x 2.5	0.7	0.6	1.4	10.9	180	7.41
2 x 4	0.8	0.8	1.4	12.7	260	4.61
2 x 6	0.8	0.8	1.6	14.3	340	3.08
2 x 10	1.0	1.0	1.6	17.3	520	1.83
2 x 16	1.0	1.0	1.6	19.5	720	1.15
2 x 25	1.2	1.0	1.8	23.2	1000	0.727
2 x 35	1.2	1.0	1.8	25.6	1300	0.524
3 x 1.5	0.6	0.6	1.4	10.0	150	12.1
3 x 2.5	0.7	0.6	1.4	11.4	210	7.41
3 x 4	0.8	0.8	1.6	13.8	320	4.61
3 x 6	0.8	0.8	1.6	15.0	410	3.08
3 x 10	1.0	1.0	1.6	18.3	630	1.83
3 x 16	1.0	1.0	1.6	20.6	880	1.15
3 x 25	1.2	1.0	1.8	24.5	1300	0.727
3 x 35	1.2	1.2	1.8	27.5	1700	0.524
4 x 1.5	0.6	0.6	1.4	10.7	180	12.1
4 x 2.5	0.7	0.8	1.4	12.7	270	7.41
4 x 4	0.8	0.8	1.6	14.8	380	4.61

bakhtarcable co

العنوان: کرمانشاه کم ۵ الطریق سنندج

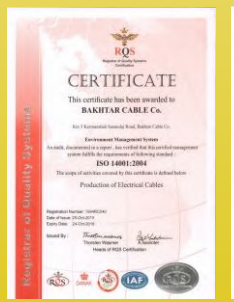
هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Bedding thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
4 x 6	0.8	0.8	1.6	16.2	490	3.08
4 x 10	1.0	1.0	1.6	19.8	780	1.83
4 x 16	1.0	1.0	1.8	22.8	1100	1.15
4 x 25	1.2	1.2	1.8	27.2	1700	0.727
4 x 35	1.2	1.2	2.0	30.4	2200	0.524
5 x 1.5	0.6	0.6	1.4	11.5	210	12.1
5 x 2.5	0.7	0.8	1.6	14.1	330	7.41
5 x 4	0.8	0.8	1.6	16.1	460	4.61
5 x 6	0.8	0.0	1.6	18.0	610	3.08
5 x 10	1.0	1.0	1.8	22.0	950	1.83
5 x 16	1.0	1.0	1.8	24.9	1300	1.15
5 x 25	1.2	1.2	2.0	30.2	2000	0.727
5 x 35	1.2	1.4	2.0	33.7	2700	0.524
7 x 1.5	0.6	0.8	1.4	12.7	270	12.1
7 x 2.5	0.7	0.8	1.6	15.1	400	7.41
7 x 4	0.8	1.0	1.6	17.7	580	4.61
7 x 6	0.8	1.0	1.6	19.4	760	3.08
7 x 10	1.0	1.0	1.8	23.8	1200	1.83






Address : Kermanshah,sanandaj Road 5th KM

bakhtarcable co

tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Light cable
LiYY

1. **According to :** VDE 0812
2. **Conductor :** Bare flcxiblc annealed copper
3. **Insulation :** PVC
4. **Wrap :** Mylar polyester tape helically with min 25% overlap
5. **Jacket :** PVC
6. **Nominal cross-sectoin area :** 014 to 1.5 mm^2
7. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.4	0.7	5.1	30	38.9
3 x 0.5	0.4	0.7	5.4	38	38.9
4 x 0.5	0.4	0.7	5.8	46	38.9
7 x 0.5	0.4	0.8	6.8	71	38.9
12 x 0.5	0.4	0.7	8.9	110	38.9
19 x 0.5	0.4	0.8	10.5	170	38.9
24 x 0.5	0.4	1	12.7	230	38.9
30 x 0.5	0.4	1	13.4	270	38.9
40x 0.5	0.4	1	15	350	38.9
50 x 0.5	0.4	1	16.9	430	38.9
2 x 0.75	0.4	0.7	5.5	36	26
3 x 0.75	0.4	0.7	5.8	47	26
4 x 0.75	0.4	0.7	6.3	59	26
12 x 0.75	0.4	0.8	9.9	150	26
19 x 0.75	0.4	0.8	11.6	230	26
24 x 0.75	0.4	1	14	300	26
30 x 0.75	0.4	1	14.8	360	26
40 x 0.75	0.4	1	16.5	470	26
50 x 0.75	0.4	1.2	19.1	600	26
2 x 1	0.4	0.7	5.9	43	19.5
3 x 1	0.4	0.7	6.2	56	19.5
4 x 1	0.4	0.7	6.8	71	19.5
7 x 1	0.4	0.7	8	110	19.5
12 x 1	0.4	0.8	10.7	190	19.5
19 x 1	0.4	1	12.9	290	19.5
24 x 1	0.4	1	15	370	19.5
30 x 1	0.4	1	15.9	450	19.5
40 x 1	0.4	1.2	18.2	600	19.5
50 x 1	0.4	1.2	20.6	740	19.5

bakhtarcable co
العنوان: کرمانشاه کم ۵ الطریق سنندج
هاتف :۶۳- ۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس: ۹۸-۸۳-۳۴۲۷۰۵۵۴+

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 1.5	0.5	0.7	6.8	5.8	13.3
3 x 1.5	0.5	0.7	7.2	78	13.3
4 x 1.5	0.5	0.7	7.9	99	13.3
7 x 1.5	0.5	0.8	9.6	160	13.3
12 x 1.5	0.5	1	13	280	13.3
19 x 1.5	0.5	1	15.2	420	13.3
24 x 1.5	0.5	1.2	18.3	540	13.3
30 x 1.5	0.5	1.2	19.3	660	13.3
40 x 1.5	0.5	1.2	21.7	860	13.3
50 x 1.5	0.5	1.4	25	1100	13.3
2 x 2 x 0.5	0.5	0.7	6.4	49	38.9
3 x 2 x 0.5	0.5	0.7	7.4	67	38.9
4 x 2 x 0.5	0.5	0.7	8.3	84	38.9
7 x 2 x 0.5	0.5	0.8	10.7	140	38.9
12 x 2 x 0.5	0.5	1	13.9	240	38.9
19 x 2 x 0.5	0.5	1	16.9	350	38.9
24 x 2 x 0.5	0.5	1.2	19.1	450	38.9
30 x 2 x 0.5	0.5	1.2	21	550	38.9
40 x 2 x 0.5	0.5	1.4	24.3	730	38.9
50 x 2 x 0.5	0.5	1.4	26.8	890	38.9
2 x 2 x 0.75	0.5	0.7	6.9	61	26
3 x 2 x 0.75	0.5	0.7	8.1	85	26
4 x 2 x 0.75	0.5	0.8	9.3	110	26
7 x 2 x 0.75	0.5	1	12.2	190	26
12 x 2 x 0.75	0.5	1	15.3	310	26
19 x 2 x 0.75	0.5	1.2	19	480	26
24 x 2 x 0.75	0.5	1.2	21.1	590	26
30 x 2 x 0.75	0.5	1.4	23.7	750	26
40 x 2 x 0.75	0.5	1.4	26.9	970	26
50 x 2 x 0.75	0.5	1.6	301	1200	26

bakhtarcable co
Address : Kermanshah,sanandaj Road 5th KM
tel : 083-34270553-58-59-60-62-63
fax: 083-34270554

Light cable with braid screen
LiYCY

1. **According to :** VDE 0812
2. **Conductor :** Bare flcxiblc annealed copper
3. **Insulation :** PVC
4. **Wrap :** Mylar polyester tape helically with min 25% overlap
5. **Screen :** Tinned copper wire braid, with 85% coverage
6. **Jacket :** PVC
7. **Nominal cross-sectoin area :** 014 to 1.5 mm^2
8. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Diameter of screen	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.4	4.3	0.7	5.7	49	38.9
3 x 0.5	0.4	4.6	0.7	6.0	58	38.9
4 x 0.5	0.4	5.0	0.7	6.4	69	38.9
7 x 0.5	0.4	6.0	0.7	7.4	98	38.9
12 x 0.5	0.4	8.1	0.8	9.7	150	38.9
19 x 0.5	0.4	9.5	0.8	11.1	220	38.9
24 x 0.5	0.4	11.5	1.0	13.5	300	38.9
30 x 0.5	0.4	12.2	1.0	14.2	350	38.9
40x 0.5	0.4	13.8	1.0	15.8	430	38.9
50 x 0.5	0.4	15.7	1.2	18.1	540	38.9
2 x 0.75	0.4	4.7	0.7	6.1	58	26
3 x 0.75	0.4	5.0	0.7	6.4	69	26
4 x 0.75	0.4	5.5	0.7	6.9	84	26
7 x 0.75	0.4	6.7	0.7	8.1	120	26
12 x 0.75	0.4	8.9	0.8	10.5	190	26
19 x 0.75	0.4	10.6	1.0	12.6	290	26
24 x 0.75	0.4	12.8	1.0	14.8	370	26
30 x 0.75	0.4	13.6	1.0	15.6	440	26
40 x 0.75	0.4	15.3	1.2	17.7	570	26
50 x 0.75	0.4	17.5	1.2	19.9	700	26
2 x 1	0.4	5.1	0.7	6.5	66	19.5
3 x 1	0.4	5.4	0.7	6.8	81	19.5
4 x 1	0.4	6.0	0.7	7.4	98	19.5
7 x 1	0.4	7.2	0.7	8.6	140	19.5
12 x 1	0.4	9.7	0.8	11.3	230	19.5
19 x 1	0.4	11.7	1.0	13.7	360	19.5
24 x 1	0.4	13.8	1.0	15.8	450	19.5
30 x 1	0.4	14.7	1.0	16.7	430	19.5
40 x 1	0.4	16.6	1.2	19.0	690	19.5
50 x 1	0.4	19.0	1.2	21.4	850	19.5
2 x 1.5	0.4	6.0	0.7	7.4	85	13.3
3 x 1.5	0.4	6.4	0.7	7.8	110	13.3
4 x 1.5	0.4	7.1	0.7	8.5	130	13.3
7 x 1.5	0.4	8.6	0.8	10.2	200	13.3
12 x 1.5	0.4	11.8	1.0	13.8	350	13.3

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Size	Insulation thickness	Diameter of screen	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	Kg/km	Ω/km
19 x 1.5	0.4	14.0	1.0	16.0	500	13.3
24 x 1.5	0.4	16.7	1.2	19.1	640	13.3
30 x 1.5	0.4	17.7	1.2	20.1	760	13.3
40 x 1.5	0.4	20.1	1.2	22.5	970	13.3
50 x 1.5	0.4	23.2	1.4	26.0	1200	13.3
2 x 2 x 0.5	0.4	5.6	0.7	7.0	74	38.9
3 x 2 x 0.5	0.4	6.6	0.7	8.0	96	38.9
4 x 2 x 0.5	0.4	7.5	0.7	8.9	120	38.9
7 x 2 x 0.5	0.4	9.7	0.8	11.3	180	38.9
12 x 2 x 0.5	0.4	12.7	1.0	14.7	310	38.9
19 x 2 x 0.5	0.4	15.7	1.2	18.1	460	38.9
24 x 2 x 0.5	0.4	17.5	1.2	19.9	550	38.9
30 x 2 x 0.5	0.4	19.4	1.2	21.8	660	38.9
40 x 2 x 0.5	0.4	22.5	1.4	25.3	900	38.9
50 x 2 x 0.5	0.4	25	1.4	27.8	1100	38.9
2 x 2 x 0.75	0.4	6.1	0.7	7.2	89	26
3 x 2 x 0.75	0.4	7.3	0.7	8.7	120	26
4 x 2 x 0.75	0.4	8.3	0.8	9.9	150	26
7 x 2 x 0.75	0.4	11.0	1.0	13.0	260	26
12 x 2 x 0.75	0.4	14.1	1.0	16.1	390	26
19 x 2 x 0.75	0.4	17.4	1.2	19.8	580	26
24 x 2 x 0.75	0.4	19.5	1.2	21.9	710	26
30 x 2 x 0.75	0.4	21.9	1.4	24.7	910	26
40 x 2 x 0.75	0.4	21.5	1.4	27.9	1200	26
50 x 2 x 0.75	0.4	27.9	1.6	31.1	1400	26

Bakhtar Cable Co.

bakhtar cable co
Address: Kermanshah. Sanandaj Road 5th KM
Tel: 0098-83-34270551-3-8-9-60-62-63
fax: 0098-83-34270554

XLPE insulated Instrument cable
2X(st)Y

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Jacket:** PVC
6. **Nominal cross - section area :** 0.5 to 1.5 mm^2
7. **Rated voltage :** 300/500 V.
8. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.8	6.4	40	36
4 x 0.5	0.6	0.8	7.3	60	36
12 x 0.5	0.6	1.1	11.6	170	36
24 x 0.5	0.6	1.2	15.7	300	36
37 x 0.5	0.6	1.3	18.1	440	36
61 x 0.5	0.6	1.3	22.3	690	36
2 x 0.75	0.6	0.8	6.8	50	36
4 x 0.75	0.6	0.9	7.9	80	24.5
12 x 0.75	0.6	1.2	12.5	210	24.5
24 x 0.75	0.6	1.2	16.8	370	24.5
37 x 0.75	0.6	1.3	19.3	550	24.5
61 x 0.75	0.6	1.5	24.3	880	24.5
2 x 1	0.6	0.8	7.1	60	18.1
4 x 1	0.6	0.9	8.3	90	18.1
12 x 1	0.6	1.2	13.3	250	18.1
24 x 1	0.6	1.3	18.1	460	18.1
37 x 1	0.6	1.3	20.6	670	18.1
61 x 1	0.6	1.5	26	1070	18.1
2 x 1.5	0.6	0.9	7.9	70	12.1
4 x 1.5	0.6	0.9	9.1	120	12.1
12 x 1.5	0.6	1.2	14.5	330	12.1
24 x 1.5	0.6	1.3	19.9	610	12.1
37 x 1.5	0.6	1.5	23.1	920	12.1
61 x 1.5	0.6	1.7	29.1	148	12.1
2 x 2 x 0.5	0.6	0.9	8.1	70	36.8
5 x 2 x 0.5	0.6	1.1	11.9	150	36.8
10 x 2 x 0.5	0.6	1.2	15.9	270	36.8
20 x 2 x 0.5	0.6	1.3	21.5	490	36.8
30 x 2 x 0.5	0.6	1.5	26	720	36.8
2 x 2 x 0.75	0.6	0.9	8.6	80	24.5
5 x 2 x 0.75	0.6	1.2	12.9	190	24.5
10 x 2 x 0.75	0.6	1.2	17	330	24.5
20 x 2 x 0.75	0.6	1.5	23.4	630	24.5
30 x 2 x 0.75	0.6	1.5	27.9	890	24.5

bakhtar cable co

هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 2 x 1	0.6	0.9	9.1	100	18.4
5 x 2 x 1	0.6	1.2	13.7	220	18.4
10 x 2 x 1	0.6	1.3	18.3	400	18.4
20 x 2 x 1	0.6	1.5	25	760	18.4
30 x 2 x 1	0.6	1.7	30.2	1120	18.4
2 x 2 x 1.5	0.6	1.1	10.3	130	12.3
5 x 2x 1.5	0.6	1.2	14.9	290	12.3
10 x 2 x 1.5	0.6	1.3	20.1	530	12.3
20 x 2 x 1.5	0.6	1.5	27.5	1010	12.3
30 x 2 x 1.5	0.6	1.7	33.3	1490	12.3

bakhtar cable co
Address: Kermanshah. Sanandaj Road 5th KM
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PVC insulated Instrument cable with individual screen
Y(st) YRY-PIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Individual Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Jacket:** PVC
7. **Nominal cross - section area :** 0.5 to 1.5 mm^2
8. **Rated voltage :** 300/500 V
9. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 3 x 0.5	0.6	0.9	9.2	90	36.8
5 x 2 x 0.5	0.6	1.2	13.8	210	36.8
10 x 2 x 0.5	0.6	1.3	18.5	380	36.8
20 x 2 x 0.5	0.6	1.5	25.2	700	36.8
30 x 2 x 0.5	0.6	1.7	30.5	1030	36.8
2 x 2 x 0.75	0.6	1.1	10.4	120	24.5
5 x 2x 0.75	0.6	1.2	15.1	240	24.5
10 x 2 x 0.75	0.6	1.3	20.3	440	24.5
20 x 2 x 0.75	0.6	1.5	27.8	830	24.5
30 x 2 x 0.75	0.6	2.0	34.2	1270	24.5
2 x 2 x 1	0.6	1.1	10.9	130	18.4
5x 2 x 1	0.6	1.2	15.9	280	18.4
10 x 2 x 1	0.6	1.3	21.5	510	18.4
20 x 2 x 1	0.6	1.7	29.9	1000	18.4
30 x 2 x 1	0.6	2.0	36.6	1470	18.4
2 x 2 x 1.5	0.6	1.1	12.0	160	12.3
5 x 2 x 1.5	0.6	1.3	17.8	360	12.3
10 x 2 x 1.5	0.6	1.5	24.3	670	12.3
20 x 2 x 1.5	0.6	1.7	33.2	1270	12.3
30 x 2 x 1.5	0.6	2.0	40.4	1880	12.3

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

PVC insulated Instrument cable with individual screen a Y(st) Y-TIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Individual Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Jacket:** PVC
7. **Nominal cross - section area :** 0.5 to 1.5 mm^2
8. **Rated voltage :** 300/500 V
9. **Flame retardant :** Acc. to IEC 60332-1
10. **Fire retardant :** Acc. to IEC 60332-3

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 3 x 0.5	0.6	1.2	13.1	140	36
5 x 3 x 0.5	0.6	1.2	16.7	270	36
10 x 3 x 0.5	0.6	1.5	23.9	520	36
20 x 3 x 0.5	0.6	1.7	30.9	960	36
30 x 3 x 0.5	0.6	2	37.1	1410	36
2 x 3 x 0.75	0.6	1.2	13.9	170	24.5
5 x 3 x 0.75	0.6	1.3	17.9	330	24.5
10 x 3x 0.75	0.6	1.5	25.4	620	24.5
20 x 3x 0.75	0.6	1.7	33	1140	24.5
30 x 3x 0.75	0.6	2	39.6	1680	24.5
2 x 3x 1	0.6	1.2	14.7	190	18.1
5x 3x 1	0.6	1.3	18.9	380	18.1
10 x 3x 1	0.6	1.5	27	720	18.1
20 x 3x 1	0.6	2	35.6	1890	18.1
30 x 3x 1	0.6	2	42.1	1980	18.1
2 x 3x 1.5	0.6	1.2	15.9	230	12.1
5 x 3x 1.5	0.6	1.3	20.7	480	12.1
10 x 3x 1.5	0.6	1.7	29.9	950	12.1
20 x 3x 1.5	0.6	2	39.1	1780	12.1
30 x 3x 1.5	0.6	2.2	46.6	2600	12.1

bakhtar cable co
Address: Kermanshah. Sanandaj Road 5th KM
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PVC insulated Instrument cable with wire armour
Y(st) YRY

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Bedding :** PVC
6. **Armour :** Galvanized steel wire
7. **Jacket:** PVC
8. **Nominal cross - section area :** 0.5 to 1.5 mm^2
9. **Rated voltage :** 300/500 V
10. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Bedding thickness	Armour wire diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.8	0.9	1.3	11	220	36
4 x 0.5	0.6	0.8	0.9	1.4	12.1	27.	36
12 x 0.5	0.6	1.1	0.9	1.5	16.6	490	36
24 x 0.5	0.6	1.2	1.2	1.6	21.5	820	36
37 x 0.5	0.6	1.3	1.6	1.7	24.9	1200	36
61 x 0.5	0.6	1.3	1.6	1.8	29.3	1620	36
2 x 0.75	0.6	0.8	0.9	1.4	11.6	250	24.5
4 x 0.75	0.6	0.9	0.9	1.4	12.7	300	24.5
12 x 0.75	0.6	1.2	1.2	1.5	18.1	620	24.5
24 x 0.75	0.6	1.2	1.2	1.7	22.8	950	24.5
37 x 0.75	0.6	1.3	1.6	1.7	26.1	1350	24.5
61 x 0.75	0.6	1.5	1.6	1.9	31.5	1880	24.5
2 x 1	0.6	0.8	0.9	1.4	11.9	270	18.1
4 x 1	0.6	0.9	0.9	1.4	13.1	330	18.1
12 x 1	0.6	1.2	1.2	1.6	19.1	690	18.1
24 x 1	0.6	1.3	1.6	1.7	24.9	1220	18.1
37 x 1	0.6	1.3	1.6	1.8	27.6	1520	18.1
61 x 1	0.6	1.5	1.6	1.9	33.2	2160	18.1
2 x 1.5	0.6	0.9	0.9	1.4	12.7	300	12.1
4 x 1.5	0.6	0.9	0.9	1.4	13.9	370	12.1
12 x 1.5	0.6	1.2	1.2	1.6	20.3	820	12.1
24 x 1.5	0.6	1.3	1.6	1.7	26.7	1420	12.1
37 x 1.5	0.6	1.5	1.6	1.8	30.1	1860	12.1
61 x 1.5	0.6	1.7	2	2	37.3	2900	12.1
2 x 2 x 0.5	0.6	0.9	0.9	1.4	12.9	300	36.8
5 x 2 x 0.5	0.6	1.1	0.9	1.5	16.9	470	36.8
10 x 2 x 0.5	0.6	1.2	1.2	1.6	21.7	810	36.8
20 x 2 x 0.5	0.6	1.3	1.6	1.8	28.5	1390	36.8
30 x 2 x 0.5	0.6	1.5	1.6	1.9	33.2	1810	36.8
2 x 2 x 0.75	0.6	0.9	0.9	1.4	13.4	320	24.5
5 x 2 x 0.75	0.6	1.2	1.2	1.5	18.5	620	24.5
10 x 2 x 0.75	0.6	1.2	1.2	1.7	23	900	24.5
20 x 2 x 0.75	0.6	1.5	1.6	1.9	30.6	1620	24.5

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Size	Insulation thickness	Bedding thickness	Armour wire diameter	Jacket thickness	Overall diameter	Total weight	DC resistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
30x2 x 0.75	0.6	1.5	1.6	1.9	35.1	2060	24.5
2 x 2 x 1	0.6	0.9	0.9	1.4	13.9	350	18.4
5 x 2 x 1	0.6	1.2	1.2	1.6	19.5	690	18.4
10 x 2 x 1	0.6	1.3	1.6	1.7	25.1	1160	18.4
20 x 2 x 1	0.6	1.5	1.6	1.9	32.2	11800	18.4
30 x 2 x 1	0.6	1.7	2	2.1	38.6	2620	18.4
2 x 2 x 1.5	0.6	1.1	0.9	1.4	15.1	420	12.3
5 x 2 x 1.5	0.6	1.2	1.2	1.6	20.7	780	12.3
10 x 2 x 1.5	0.6	1.3	1.6	1.8	27.1	1390	12.3
20 x 2 x 1.5	0.6	1.5	1.6	1.9	34.7	2140	12.3
30 x 2 x 1.5	0.6	1.7	2	2.2	41.9	3200	12.3
300 x 2 x 0.75	0.6	1.5	1.6	1.9	35.1	2060	24.5

bakhtar cable co
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fax: 0098-83-34270554

PVC insulated Instrument cable with wire armour & individual screen
Y(st) YRY-PIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Individual Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Bedding :** PVC
7. **Armour :** Galvanized steel wire
8. **Jacket:** PVC
9. **Nominal cross - section area :** 0.5 to 1.5 mm^2
10. **Rated voltage :** 300/500 V
11. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Bedding thickness	Armourwire diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 2 x 50	0.6	0.9	0.9	1.4	14.0	350	36.8
5 x 2 x 0.5	0.6	1.2	1.2	1.6	19.6	670	36.8
10 x 2 x 0.5	0.6	1.3	1.6	1.7	25.3	1140	36.8
20 x 2 x 0.5	0.6	1.5	1.6	1.9	32.4	1750	36.8
30 x 2 x 0.5	0.6	1.7	2.0	2.1	38.9	2540	36.8
2 x 2 x 0.75	0.6	1.1	0.9	1.4	15.2	400	24.5
5 x 2 x 0.75	0.6	1.2	1.2	1.6	20.9	760	24.5
10 x 2 x 0.75	0.6	1.3	1.6	1.8	27.3	1300	24.5
30 x 2 x 0.75	0.6	1.5	1.6	1.9	35.0	2000	24.5
2 x 2 x 1	0.6	2.0	2.0	2.2	42.8	2990	24.5
5 x 2 x 1	0.6	1.1	0.9	1.5	15.9	440	18.4
10 x 2 x 1	0.6	1.2	1.2	1.6	21.7	820	18.4
20 x 2 x 1	0.6	1.3	1.6	1.8	28.5	1410	18.4
20 x 2 x 1	0.6	1.7	2.0	2.0	38.1	2480	18.4
30 x 2 x 1	0.6	2.0	2.0	2.3	45.1	3340	18.4
2 x 2 x 1.5	0.6	1.1	0.9	1.5	17.0	490	12.3
5 x 2 x 1.5	0.6	1.3	1.6	1.7	24.6	1080	12.3
10 x 2 x 1.5	0.6	1.5	1.6	1.9	31.5	1670	12.3
20 x 2 x 1.5	0.6	1.7	2.0	2.1	41.6	2900	12.3
30 x 2 x 1.5	0.6	2.0	2.0	2.3	50.2	4	12.3

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

PVC insulated Instrument cable with wire armour & individual screen Y(st) YRY-TIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** PVC
4. **Individual Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Bedding :** PVC
7. **Armour :** Galvanized steel wire
8. **Jacket:** PVC
9. **Nominal cross - section area :** 0.5 to 1.5 mm^2
10. **Rated voltage :** 300/500 V
11. **Flame retardant :** Acc. to IEC 60332-1
12. **Fire retardant :** Acc. to IEC 60332-3

Size	Insulation thickness	Bedding thickness	Armourwire diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 3 x 0.5	0.6	1.2	1.2	1.5	18.7	580	36
5 x 3 x 0.5	0.6	1.2	1.2	1.7	22.7	840	36
10 x 3 x 0.5	0.6	1.5	1.6	1.9	31.1	1520	36
20 x 3 x 0.5	0.6	1.7	2	2.1	39.3	2520	36
30 x 3 x 0.5	0.6	2	2.5	2.3	46.9	3670	36
2 x 3 x 0.75	0.6	1.2	1.2	1.6	19.7	630	24.5
5 x 3 x 0.75	0.6	1.3	1.6	1.7	24.7	1050	24.5
10 x 3 x 0.75	0.6	1.5	1.6	1.9	32.6	1660	24.5
20 x 3 x 0.75	0.6	1.7	2	2.1	41.4	2770	24.5
30 x 3 x 0.75	0.6	2	2.5	2.3	49.4	4040	24.5
2 x 3 x 1	0.6	1.2	1.2	1.6	20.5	680	18.1
5 x 3 x 1	0.6	1.3	1.6	1.7	25.7	1150	18.1
10 x 3 x 1	0.6	1.5	1.6	1.9	34.2	1850	18.1
20 x 3 x 1	0.6	2	2	2.2	44.2	3170	18.1
30 x 3 x 1	0.6	2	2.5	2.3	51.9	4530	18.1
2 x 3 x 1.5	0.6	1.2	1.2	1.6	21.7	770	12.1
5 x 3 x 1.5	0.6	1.3	1.6	1.8	27.7	1340	12.1
10 x 3 x 1.5	0.6	1.7	2	2	38.1	2430	12.1
20 x 3 x 1.5	0.6	2	2.5	2.3	48.9	4140	12.1
30 x 3 x 1.5	0.6	2.2	2.5	2.5	56.8	5420	12.1

bakhtar cable co
Address: Kermanshah. Sanandaj Road 5th KM
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fax: 0098-83-34270554

XLPE insulated Instrument cable
2X(st)Y

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** XLPE
4. **Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Jacket:** PVC
6. **Nominal cross - section area :** 0.5 to 1.5 mm^2
7. **Rated voltage :** 300/500 V.
8. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.8	6.4	40	36
4 x 0.5	0.6	0.8	7.3	60	36
12 x 0.5	0.6	1.1	11.6	150	36
24 x 0.5	0.6	1.2	15.7	270	36
37 x 0.5	0.6	1.3	18.1	390	36
61 x 0.5	0.6	1.3	22.3	600	36
2 x 0.75	0.6	0.8	6.8	50	24.5
4 x 0.75	0.6	0.9	7.9	70	24.5
12 x 0.75	0.6	1.2	12.5	190	24.5
24 x 0.75	0.6	1.2	16.8	330	24.5
37 x 0.75	0.6	1.3	19.3	490	24.5
61x 0.75	0.6	1.5	24.3	780	24.5
2 x 1	0.6	0.8	7.1	50	18.1
4 x 1	0.6	0.9	8.3	90	18.1
12 x 1	0.6	1.2	13.3	330	18.1
24 x 1	0.6	1.3	18.1	420	18.1
37 x 1	0.6	1.3	20.6	600	18.1
61 x 1	0.6	1.5	26	960	18.1
2 x 1.5	0.6	0.9	7.9	70	12.1
4 x 1.5	0.6	0.9	9.1	110	12.1
12 x 1.5	0.6	1.2	14.5	300	12.1
24 x 1.5	0.6	1.3	19.9	560	12.1
37 x 1.5	0.6	1.5	23.1	840	12.1
61 x 1.5	0.6	1.7	29.1	1340	12.1
2 x 2 x 0.5	0.6	0.9	8.1	60	36.8
5 x 2 x 0.5	0.6	1.1	11.9	140	36.8
10 x 2 x 0.5	0.6	1.2	15.9	240	36.8
20 x 2 x 0.5	0.6	1.3	21.5	430	36.8
30 x 2 x 0.5	0.6	1.5	26.0	630	36.8
2 x 2 x 0.75	0.6	0.9	8.6	80	24.5
5 x 2 x 0.75	0.6	1.2	12.9	170	24.5
10 x 2 x 0.75	0.6	1.2	17.0	300	24.5
20 x 2 x 0.75	0.6	1.5	23.4	560	24.5
30 x 2 x 0.75	0.6	1.5	27.9	790	24.5
2 x 2 x 1	0.6	0.9	9.1	90	18.4
5 x 2 x 1	0.6	1.2	13.7	200	18.4

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
10 x 2 x 1	0.6	1.3	18.3	370	18.4
20 x 2 x 1	0.6	1.5	25.0	680	18.4
30 x 2 x 1	0.6	1.7	30.2	1000	18.4
20 x 2 x 1.5	0.6	1.1	10.3	120	12.3
50 x 2 x 1.5	0.6	1.2	14.9	270	12.3
10 x 2 x 1.5	0.6	1.3	20.1	490	12.3
20 x 2 x 1.5	0.6	1.5	27.5	920	12.3
30 x 2 x 1.5	0.6	1.7	33.3	1360	12.3

دریافت لوح و تندیس واحد نخست نمونه کل صنعت کشور

bakhtar cable co
Address: Kermanshah. Sanandaj Road 5th KM
Tel: 0098-83-34270551-3-8-9-60-62-63
fax: 0098-83-34270554

XLPE insulated Instrument cable with individual screen
2X(st)Y-RIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** XLPE
4. **Individual screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Jacket:** PVC
7. **Nominal cross - section area :** 0.5 to 1.5 mm^2
8. **Rated voltage :** 300/500 V
9. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	Kg/km	Ω/km
2 x 2 x 0.5	0.6	0.9	9.2	90	36.8
5 x 2 x 0.5	0.6	1.2	13.8	190	36.8
10 x 2 x 0.5	0.6	1.3	18.5	350	36.8
20 x 2 x 0.5	0.6	1.5	25.2	640	36.8
30 x 2 x 0.5	0.6	1.7	30.5	940	36.8
2 x 2 x 0.75	0.6	1.1	10.4	110	24.5
5 x 2 x 0.75	0.6	1.2	15.1	230	24.5
10 x 2 x 0.75	0.6	1.3	20.3	410	24.5
20 x 2 x 0.75	0.6	1.5	27.8	760	24.5
30 x 2 x 0.75	0.6	2.0	34.2	1170	24.5
2 x 2 x 1	0.6	1.1	10.9	120	18.4
5 x 2 x 1	0.6	1.2	15.9	260	18.4
10 x 2 x 1	0.6	1.3	21.5	480	18.4
20 x 2 x 1	0.6	1.7	29.9	920	18.4
30 x 2 x 1	0.6	2.0	36.3	1360	18.4
2 x 2 x 1.5	0.6	1.1	12.0	150	12.3
5 x 2 x 1.5	0.6	1.3	17.8	340	12.3
10 x 2 x 1.5	0.6	1.5	24.3	630	12.3
20 x 2 x 1.5	0.6	1.7	33.2	1180	12.3
30 x 2 x 1.5	0.6	2.0	40.4	1740	12.3

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

XLPE insulated Instrument cable with wire armour
2X(st) YRY

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** XLPE
4. **Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Bedding :** PVC
6. **Armour :** Galvanized steel wire
7. **Jacket:** PVC
8. **Nominal cross - section area :** 0.5 to 1.5 mm^2
9. **Rated voltage :** 300/500 V
10. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Bedding thickness	Armourwire diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 0.5	0.6	0.8	0.9	1.3	11	220	36
4 x 0.5	0.6	0.8	0.9	1.4	12.1	270	36
12 x 0.5	0.6	1.1	0.9	1.5	16.6	470	36
24 x 0.5	0.6	1.2	1.2	1.6	21.5	790	36
37 x 0.5	0.6	1.3	1.6	1.7	24.9	1150	36
61 x 0.5	0.6	1.3	1.6	1.8	29.3	1530	36
2 x 0.75	0.6	0.8	0.9	1.4	11.6	240	24.5
4 x 0.75	0.6	0.9	0.9	1.4	12.7	300	24.5
12 x 0.75	0.6	1.2	1.2	1.5	18.1	600	24.5
24 x 0.75	0.6	1.2	1.2	1.7	22.8	910	24.5
37 x 0.75	0.6	1.3	1.6	1.7	26.1	1290	24.5
61x 0.75	0.6	1.5	1.6	1.9	31.5	1780	24.5
2 x 1	0.6	0.8	0.9	1.4	11.9	260	18.1
4 x 1	0.6	0.9	0.9	1.4	13.1	320	18.1
12 x 1	0.6	1.2	1.2	1.6	19.1	670	18.1
24 x 1	0.6	1.3	1.6	1.7	24.9	1170	18.1
37 x 1	0.6	1.3	1.6	1.8	27.6	1460	18.1
61 x 1	0.6	1.5	1.6	1.9	33.2	2040	18.1
2 x 1.5	0.6	0.9	0.9	1.4	12.7	290	12.1
4 x 1.5	0.6	0.9	0.9	1.4	13.9	370	12.1
12 x 1.5	0.6	1.2	1.2	1.6	20.3	790	12.1
24 x 1.5	0.6	1.3	1.6	1.7	26.7	1370	12.1
37 x 1.5	0.6	1.5	1.6	1.8	30.1	1780	12.1
61 x 1.5	0.6	1.7	2	2	37.3	2770	12.1
2 x 2 x 0.5	0.6	0.9	0.9	1.4	12.9	290	36.8
5 x 2 x 0.5	0.6	1.1	0.9	1.5	16.9	460	36.8
10 x 2 x 0.5	0.6	1.2	1.2	1.6	21.7	780	36.8
20 x 2 x 0.5	0.6	1.3	1.6	1.8	28.5	1330	36.8
30 x 2 x 0.5	0.6	1.5	1.6	1.9	33.2	1720	36.8
2 x 2 x 0.75	0.6	0.9	0.9	1.4	13.4	320	24.5
5 x 2 x 0.75	0.6	1.2	1.2	1.5	18.5	600	24.5
10 x 2 x 0.75	0.6	1.2	1.2	1.7	23.0	870	24.5
20 x 2 x 0.75	0.6	1.5	1.6	1.9	30.6	1560	24.5
30 x 2 x 0.75	0.6	1.5	1.6	1.9	35.1	1960	24.5
2 x 2 x 1	0.6	0.9	0.9	1.4	13.9	340	18.4

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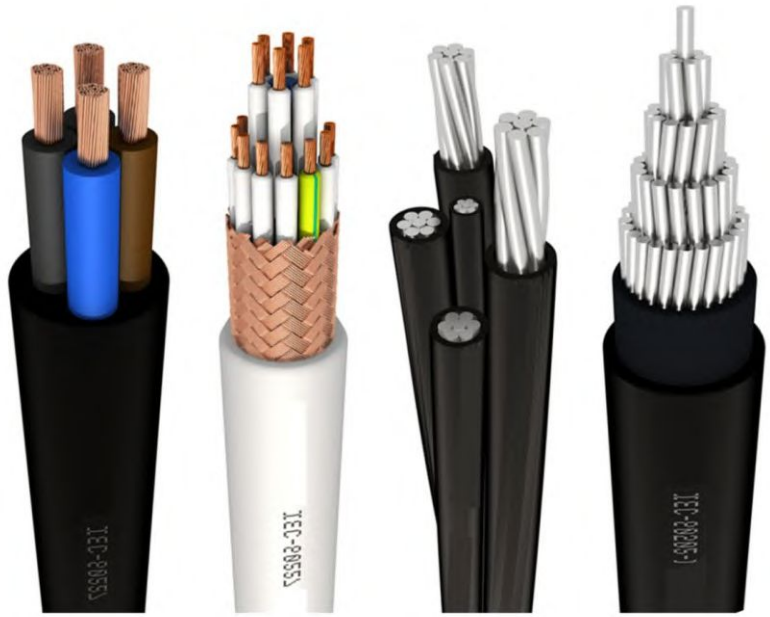
Size	Insulation thickness	Bedding thickness	Armour wire diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
5 x 2 x 1	0.6	1.2	1.2	1.6	19.5	670	18.4
10 x 2 x 1	0.6	13	1.6	1.7	25.1	1130	18.4
20 x 2 x 1	0.6	1.5	1.6	1.9	32.2	1730	18.4
30 x 2 x 1	0.6	1.7	2.0	2.1	38.6	2510	18.4
2 x 2 x 1.5	0.6	1.1	0.9	1.4	15.1	410	12.3
5 x 2 x 1.5	0.6	1.2	1.2	1.6	20.7	760	12.3
10 x 2 x 1.5	0.6	1.3	1.6	1.8	27.1	1340	12.3
20 x 2 x 1.5	0.6	1.5	1.6	1.9	34.7	2050	12.3
30 x 2 x 1.5	0.6	1.7	2.0	2.2	41.9	3070	12.3
5 x 2 x 1	0.6	1.2	1.2	1.6	19.5	670	18.4



کابل باختر کابل برتر

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

XLPE insulated Instrument cable with wire armour & individual screen
2X(st) YRY-PIMF

1. **According to :** BS 5308
2. **Conductor :** Bare (or tinned) Stranded (or solid or flcxiblc) annealed copper
3. **Insulation :** XLPE
4. **Screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
5. **Overall screen :** Aluminum foil screen with min 25% overlap with tinned copper drain wire
6. **Bedding :** PVC
7. **Armour :** Galvanized steel wire
8. **Jacket:** PVC
9. **Nominal cross - section area :** 0.5 to 1.5 mm^2
10. **Rated voltage :** 300/500 V
11. **Flame retardant :** Acc. to IEC 60332-1

Size	Insulation thickness	Bedding thickness	Armourwire diameter	Jacket thickness	Overall diameter	Total weight	DCresistsnce at 20°C
	mm	mm	mm	mm	mm	Kg/km	Ω/km
2 x 2 x 0.5	0.6	0.9	0.9	1.4	14.0	340	36.8
5 x 2 x 0.5	0.6	1.2	1.2	1.6	19.6	660	36.8
10 x 2 x 0.5	0.6	1.3	1.6	1.7	25.3	1110	36.8
20 x 2 x 0.5	0.6	1.5	1.6	1.9	32.4	1690	36.8
30 x 2 x 0.5	0.6	1.7	2.0	2.1	38.9	2450	36.8
2 x 2 x 0.75	0.6	1.1	0.9	1.4	15.2	390	24.5
5 x 2 x 0.75	0.6	1.2	1.2	1.6	20.9	740	24.5
10 x 2 x 0.75	0.6	1.3	1.6	1.8	27.3	1260	24.5
20 x 2 x 0.75	0.6	1.5	1.6	1.9	35.0	1930	24.5
30 x 2 x 0.75	0.6	2.0	2.0	2.2	42.8	2880	24.5
2 x 2 x 1	0.6	1.1	0.9	1.5	15.9	430	18.4
5 x 2 x 1	0.6	1.2	1.2	1.6	21.7	800	18.4
10 x 2 x 1	0.6	1.3	1.6	1.8	28.5	1370	18.4
20 x 2 x 1	0.6	1.7	2.0	2.0	28.1	2410	18.4
30 x 2 x 1	0.6	2.0	2.0	2.3	45.1	3230	18.4
2 x 2 x 1.5	0.6	1.1	0.9	1.5	17.0	490	12.3
5 x 2 x 1.5	0.6	1.3	1.6	1.7	24.6	1060	12.3
10 x 2 x 1.5	0.6	1.5	1.6	1.9	31.5	1630	12.3
20 x 2 x 1.5	0.6	1.7	2.0	2.1	41.6	2820	12.3
30 x 2 x 1.5	0.6	2.0	2.5	2.3	50.2	4200	12.3

bakhtar cable co
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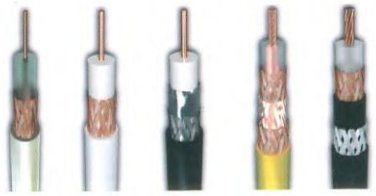
Coaxial cable
Acc. to MIL standard (RG type)



1. **According To :** MIL - C - 17
2. **Impedance :** Acc.to Table
3. **Inner Conductor :** Bare (or Tinned) annealed solid(or stranded or flexible stranded)copper conductoror Copper clad steel(CCS)
4. **Insulation :**Extruded PE or FPE (foam PE)
5. **Screen 1 :**Bare (or Tinned) annealed copper wire braid (May be with Al foil tape acc.to request)
6. **Screen 2:** Bare (or Tinned) annealed copper wire braid (If request)
7. **Jacket :** PVC or PE

Type	Conductor		Insulation		Inner shield			Outer shield			Jacket		Impedance	Capacitance	Att
RG-5/U	1	1.29	BC	4.7	16	9	0.16	16	9	0.16	8.4	PVC	52.5	93.5	85
RG-7/U	1	0.924	BC	6.35	24	7	0.18				9.4	PVC	94.5	41	66
RG-8/U	7	0.724	BC	7.24	24	8	0.18				10.3	PVC	52	96.8	69
RG-8A/U	7	0.724	BC	7.24	24	8	0.18				10.3	PVC	52	96.8	69
RG-11/U	7	0.404	TC	7.24	24	8	0.18				10.3	PVC	75	67.3	76
RG-11A/U	7	0.404	TC	7.24	24	8	0.16				10.3	PVC	75	67.3	76
RG-13/U	7	0.404	TC	7.11	24	9	0.16	24	8	0.16	10.7	PVC	74	67.3	76
RG-13A/U	7	0.404	TC	7.11	24	9	0.18	24	8	0.16	10.7	PVC	74	67.3	76
RG-14/U	1	2.59	BC	9.4	24	10	0.18	24	8	0.16	13.8	PVC	52	96.8	46
RG-14A/U	1	2.59	BC	9.4	24	10	0.18	24	8	0.16	13.8	PVC	52	96.3	46
RG-15/U	1	1.45	CCS	9.4	24	10	0.18	24	8	0.16	13.8	PVC	76	65.6	49
RG-17/U	1	4.76	BC	17.3	24	14	0.26				22.1	PVC	52	96.8	28
RG-17A/U	1	4.78	BC	17.3	24	14	0.26				22.1	PVC	52	96.8	28
RG-19/U	1	6.35	BC	23.1	36	12	0.26				28.5	PVC	52	96.8	22
RG-19A/U	1	6.36	BC	23.1	36	12	0.26				28.5	PVC	52	96.8	22
RG-22/U	7	0.386	BC	7.24	24	8	0.18				10.3	PVC	95	52.5	118
RG-22A/U	7	0.386	BC	7.24	24	8	0.16	24	8	0.16	10.7	PVC	95	52.5	118
RG-22B/U	7	0.386	BC	7.24	24	8	0.16	24	8	0.16	10.7	PVC	95	52.5	118
RG-29/U	1	0.813	BC	2.95	16	7	0.127				4.7	PVC	53.5	93.5	138
RG-34/U	7	0.724	BC	11.6	24	9	0.16				15.9	PVC	71	70.5	46
RG-34B/U	7	0.632	BC	11.7	24	10	0.18				16	PVC	75	67	48
RG-54A/U	7	0.385	BC	4.52	16	9	0.16				6.1	PVC	58	85.5	187
RG-55/U	1	0.813	BC	2.9	16	7	0.127	16	7	0.127	5	PVC	53.5	93.6	138
RG-58/U	1	0.813	BC	2.95	16	7	0.127				4.95	PVC	53.5	93.5	138
RG-58A/U	19	0.18	TC	2.95	16	7	0.127				4.95	PVC	50	93.5	174
RG-58C/U	19	0.18	TC	2.95	16	7	0.127				4.95	PVC	50	93.5	174
RG-59/U	1	0.643	CCS	3.71	16	7	0.16				6.15	PVC	73	68.9	125
R-59A/U	1	0.643	CCS	3.71	16	7	0.16				6.15	PVC	73	68.9	125

bakhtar cable co

هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Type	Conductor		Insulation		Inner shield			Outer shield			Jacket		Impedance	Capacitance	Att
RG-59B/U	1	0.584	CCS	3.71	16	7	0.16				6.15	PVC	73	68.9	112
RG-62/U	1	0.643	CCS	3.71	16	7	0.16				6.15	PVC	93	44.3	102
RG-62A/U	1	0.643	CCS	3.71	16	7	0.16				6.15	PVC	93	44.3	102
RG-63/U	1	0.643	CCS	7.24	24	8	0.18				10.3	PVC	125	32.8	66
RG-63B/U	1	0.643	CCS	7.24	24	8	0.18				10.3	PVC	125	32.8	66
RG-71/U	1	0.643	CCS	3.71	16	7	0.16	16	9	0.127	6.4	PVC	93	44.3	102
RG-89/U	1	0.643	CCS	7.24	16	12	0.18				16	PVC	125	32.8	66
RG-108/U	7	0.32	TC	1.84	16	6	0.127				6.2	PVC	78	74.3	-
RG-108A/U	7	0.32	TC	2.01	16	6	0.127				5.97	PVC	78	74.3	-
RG-122/U	27	0.127	TC	2.44	16	6	0.127				4.06	PVC	50	105	195
RG-130/U	7	0.724	BC	12	24	8	0.26				15.9	PVC	95	56	99
RG-133A/U	1	0.645	BC	7.2	24	8	0.18				10.3	PVC	95	53	76
RG-164/U	1	0.65	BC	17.3	24	14	0.26				22.1	PVC	75	67	30
RG-213/U	7	0.752	BC	7.24	24	8	0.18				10.3	PVC	50	100	69
RG-216/U	7	0.404	TC	7.24	24	9	0.16				10.8	PVC	75	67	88
RG-217/U	1	2.69	BC	9.4	24	10	0.18				13.8	PVC	50	100	50

کابل باختر کابل برتر

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fax: 0098-83-34270554

Automobile Wire
Thin wall PVC insulated cables for Automobiles

AVSS

1. According to : JASO D 611 , ISO 6722-3
2. Conductor : Bare copper
3. Insulation : PVC T2
4. Insulation color : Black , Brown , Dark blue , Dark green , Grey , Light blue , Light green , Orange , Pink , Purple , Red , Tan , White , Yellow

Remark: The symbol "f" in column " Nominal size" means flexible conductor
Application : Internal wiring in automobile where high flexibility , thermo and mechanical strength are required.

Nominal Cross-section	Conductor		Insulation Thickness	Insulation Diameter	Total Weight	Conductor resistance at 20°C
	Number of strands / diameter of stran	Approx. outside diameter				
mm^2	Pcs / mm	mm	mm	mm	Kg/km	Ω/km
0.3	7/0.26	0.8	0.50	1.8 ~ 1.9	6.5	5.2
0.5	7/0.32	1.0	0.50	2.0 ~ 2.1	8.8	32.7
0.85	16/0.26	1.2	0.50	2.2 ~ 2.3	12.1	22.0
	11/0.32	1.2	0.50	2.2 ~ 2.3	12.1	20.8
1.25	16/0.32	1.5	0.50	2.5 ~ 2.6	16.5	14.3
2	26/0.32	1.9	0.50	2.9 ~ 3.1	25	8.81
3	41/0.32	2.4	0.50	3.6 ~ 3.8	39	5.59
5	65/0.32	3.0	0.50	4.4 ~ 4.6	60	3.52
0.3f	15/0.18	0.8	0.50	1.8 ~ 1.9	6.6	48.9
0.5f	20/0.18	1.0	0.50	2.0 ~ 2.1	8.3	36.7
0.75f	30/0.18	1.2	0.50	2.2 ~ 2.3	11	24.4
1.25f	50/0.18	1.5	0.50	2.5 ~ 2.6	16.4	14.7
2f	37/0.26	1.9	0.50	2.9 ~ 3.1	24	9.50

bakhtar cable co
هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۸۳ - ۳۴۲۷۰۵۵۴ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Automobile Wire
Very Thin wall PVC insulated cables for Automobiles

AVSS

1. According to : JASO D 611 , ISO 6722-4
2. Conductor : Bare copper
3. Insulation : PVC T2
4. Insulation color : Black , Brown , Dark blue , Dark green , Grey , Light blue , Light green , Orange , Pink , Purple , Red , Tan , White , Yellow

Remark: The symbol "f" in column " Nominal size" means flexible conductor
Application : Internal wiring in automobile where high flexibility , thermo and mechanical strength are required.

Nominal Cross-section	Conductor		Insulation Thickness	Insulation Diameter	Total Weight	Conductor resistance at 20°C
	Number of strands / diameter of stran	Approx. outsidedia.				
mm²	Pcs / mm	mm	mm	mm	Kg/km	Ω/km
0.3	7/0.26	0.8	0.30	1.4 ~ 1.5	5	50.2
0.5	7/0.32	1.0	0.30	1.6 ~ 1.7	7	32.7
0.85	19/0.24	1.2	0.30	1.8 ~ 1.9	10	21.7
1.25	19/0.29	1.5	0.30	2.4 ~ 2.2	14	14.9
2	19/0.37	1.9	0.40	2.7 ~ 2.8	22	9.00
0.3f	19/0.16	0.8	0.30	1.4 ~ 1.5	5	48.8
0.5f	19/0.19	1.0	0.30	1.6 ~ 1.7	7	34.6
0.75f	19/0.23	1.2	0.30	1.8 ~ 1.9	10	23.6
1.25f	37/0.21	1.5	0.30	2.1 ~ 2.2	14	14.6
2f	37/0.26	1.8	0.40	2.6 ~ 2.7	22	9.50






Address: Kermanshah. Sanandaj Road 5th KM
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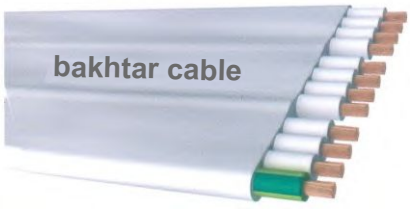
Flat Cable



Standard : ISIRI3569, ISIRI607-6,IEC60502.IEC60227-6

Rated Voltage : 450/50V , 300/500V ,0.6/1Kv

Construction :

Conductor: Class 5 Copper

Insulation: PVC

Sheath : PVC

Size	Number of wire* diameter	Insulation thickness	Coating thickness			Narrow diameter	The wide diameter	Standard
			Distances between categories	Narrow thickness	The thickness of the wide			
N*mm²	mm*n	Mm	mm	mm	mm	mm	--	
3*0.75	24*0.20	0.6	0	0.9	1.5	4.1	9.9	300/500v
4*0.75	24*0.20	0.6	0	0.9	1.5	4.1	12.2	300/500v
5*0.75	24*0.20	0.6	1	0.9	1.5	4.1	16.5	300/500v
6*0.75	24*0.20	0.6	1	0.9	1.5	4.1	17.8	300/500v
9*0.75	24*0.20	0.6	1	0.9	1.5	4.1	24.8	300/500v
12*0.75	24*0.20	0.6	1	0.9	1.5	4.1	31.7	300/500v
16*0.75	24*0.20	0.6	1	0.9	1.5	4.1	40.9	300/500v
18*0.75	24*0.20	0.6	1	0.9	1.5	4.1	47.5	300/500v
20*0.75	24*0.20	0.6	1	0.9	1.5	4.1	50.2	300/500v
24*0.75	24*0.20	0.6	1	0.9	1.5	4.1	59.4	300/500v
3*1	32*0.20	0.6	0	0.9	1.5	4.3	10.4	300/500v
4*1	32*0.20	0.6	0	0.9	1.5	4.3	12.9	300/500v
5*1	32*0.20	0.6	1	0.9	1.5	4.3	17.4	300/500v
6*1	32*0.20	0.6	1	0.9	1.5	43	18.9	300/500v
9*1	32*0.20	0.6	1	0.9	1.5	4.3	26.3	300/500v
12*1	32*0.20	0.6	1	0.9	1.5	4.3	33.8	300/500v
16*1	32*0.20	0.6	1	0.9	1.5	4.3	43.7	300/500v
18*1	32*0.20	0.6	1	0.9	1.5	4.3	50.6	300/500v
20*1	32*0.20	0.6	1	0.9	1.5	43	53.6	300/500v
24*1	32*0.20	0.6	1	0.9	1.5	4.3	63.5	300/500v
3*1.5	30*0.25	0.7	0	1	1.5	5.0	11.9	450/750v
4*1.5	30*0.25	0.7	0	1	1.5	5.0	14.8	450/750v
5*1.5	30*0.25	0.7	1	1	1.5	5.0	19.8	450/750v
6*1.5	30*0.25	0.7	1	1	1.5	5.0	21.7	450/750v
9*1.5	30*0.25	0.7	1	1	1.5	5.0	30.6	450/750v
12*1.5	30*0.25	0.7	1	1	1.5	5.0	39.5	450/750v
16*1.5	30*0.25	0.7	1	1	1.5	5.0	51.3	450/750v
18*1.5	30*0.25	0.7	1	1	1.5	5.0	59.2	450/750v

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
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العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Size	Number of wire* diameter	Insulation thickness	Coating thickness			Narrow diameter	The wide diameter	Standard
			Distances between categories	Narrow thickness	The thickness of the wide			
N*mm²	mm*n	Mm	mm	mm	mm	mm	--	
20*1.5	30*0.25	0.7	1	1	1.5	5.0	63.1	450/750v
24*1.5	30*0.25	0.7	1	1	1.5	5.0	75.0	450/750v
3*2.5	50*0.25	0.8	0.0	1.0	1.8	5.6	14.4	450/750v
4*2.5	50*0.25	0.8	0.0	1.0	1.8	5.6	18.5	450/750v
5*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	24.6	450/750v
6*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	26.8	450/750v
9*25	50*0.25	0.8	1.5	1.0	1.8	5.6	37.6	450/750v
12*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	48.4	450/750v
16*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	62.9	450/750v
18*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	73.1	450/750v
20*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	77.3	450/750v
24*2.5	50*0.25	0.8	1.5	1.0	1.8	5.6	91.7	450/750v
3*4	56*0.30	0.8	0.0	1.2	1.8	6.6	16.1	450/750v
4*4	56*0.30	0.8	0.0	1.2	1.8	6.6	20.2	450/750v
5*4	56*0.30	0.8	1.5	1.2	1.8	6.6	27.4	450/750v
6*4	56*0.30	0.8	1.5	1.2	1.8	6.6	30.1	450/750v
9*4	56*0.30	0.8	1.5	1.2	1.8	6.6	42.5	450/750v
12*4	56*0.30	0.8	1.5	1.2	1.8	6.6	55.0	450/750v
16*4	56*0.30	0.8	1.5	1.2	1.8	6.6	71.7	450/750v
18*4	56*0.30	0.8	1.5	1.2	1.8	6.6	83.0	450/750v
20*4	56*0.30	0.8	1.5	1.2	1.8	6.6	88.3	450/750v
24*4	56*0.30	0.8	1.5	1.2	1.8	6.6	105.0	450/750v
3*6	84*0.30	0.8	0.0	1.2	1.8	7.1	17.8	450/750v
4*6	84*0.30	0.8	0.0	1.2	1.8	7.1	22.5	450/750v
5*6	84*0.30	0.8	1.5	1.2	1.8	7.1	30.3	450/750v
6*6	84*0.30	0.8	1.5	1.2	1.8	7.1	33.5	450/750v
9*6	84*0.30	0.8	1.5	1.2	1.8	7.1	47.7	450/750v
12*6	84*0.30	0.8	1.5	1.2	1.8	7.1	61.9	450/750v
16*6	84*0.30	0.8	1.5	1.2	1.8	7.1	80.9	450/750v
18*6	84*0.30	0.8	1.5	1.2	1.8	7.1	93.4	450/750v
20*6	84*0.30	0.8	1.5	1.2	1.8	7.1	99.8	450/750v
24*6	84*0.30	0.8	1.5	1.2	1.8	7.1	118.8	450/750v
3*10	80*0.40	1	0.0	1.4	1.8	8.9	21.9	450/750v
4*10	80*0.40	1	0.0	1.4	1.8	8.9	28.0	450/750v
3*16	126*0.40	1	0.0	1.5	2.0	10.	24.4	450/750v
4*16	126*0.40	1	0.0	1.5	2.0	10.1	32.6	450/750v
3*25	196*0.40	1.2	0.0	1.6	2.0	12.0	30.4	0.6/1KV
4*25	196*0.40	1.2	0.0	1.6	2.0	12.0	39.3	0.6/1KV
3*35	276*0.40	1.2	0.0	2.2	2.4	14.4	34.8	0.6/1KV
4*35	276*0.40	1.2	0.0	2.2	2.4	14.4	44.8	0.6/1KV
3*50	396*0.40	1.4	0.0	2.3	2.6	16.5	41.0	0.6/1KV
4*50	396*0.40	1.4	0.0	2.3	2.6	16.5	52.9	0.6/1KV

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Size	Number of wire* diameter	Insulation thickness	Coating thickness			Narrow diameter	The wide diameter	Standard
			Distances between categories	Narrow thickness	The thickness of the wide			
N*mm²	mm*n	Mm	mm	mm	mm	mm	--	
3*70	360*0.50	1.4	0.0	2.3	2.6	18.3	46.3	0.6/1KV
4*70	360*0.50	1.4	0	2.3	2.6	18.3	60.0	0.6/1KV
3*95	475*0.50	1.6	0	2.5	2.8	20.7	52.7	0.6/1KV
4*95	475*0.50	1.6	0	2.5	2.8	20.7	68.5	0.6/1KV

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العنوان : کرمانشـــاه کم ۵ الطریق سنـــدج

هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸

فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

Bakhtar Cable Co.

Aluminium Cables Estandard

ABS Cable

1-HD 626 SI :(parts 1,2 and 6-E), bundle assembled cores foroverhead distribution and service,1996/amed.2:2002

2-NF C33-209:insulated or protected cables for power system,bundle assembled cores for overhead system of rated voltage 0.6/1kv.1996

3-AS/NZS 3560-1:Electric cables - crosslinked polyethylene insulated - aerial bundled - for working voltages up to and includibg 0.6/1(1.2)KV part 1:Aluminum conductors . 2000

4-EN 50397-1:Coverd conductors for overhead lines and the realted accessories for rated voltages above 1KV a.c. and not exceeding 36 KV a.c. , part 1:Coverd conductors, 2003

5-IFC 60502-1:power cables wirh extruded insulation and their accessories for rated voltages from 1 KV uo to 30 KV -part 1:cables for rated voltages of 1 KV and 3 KV , 2009

6-BS 7870-5:LV and MV polymeric insulated cables for use by distribution and generation utilities , Part 5:polymeric insulated aerial bundled conductors (ABC) of rated voltage 0.6/1KV for overhead distribution, 1999

7-IEC 60228:Conductors of insulated cables, 2004

8-BS EN 50183: Conductors for overhead lines - Aluminum magnesium silicon alloy wircs, 2003

9-IEC 60811: Insulating and sheathing for electric and optical cables- common test methods, 2001.

10- IS 298 , part 2

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Lighting with compact aluminum conductor strands and phase characteristics

Concentrion Level							measure	Specifications		
120	95	70	50	35	25	16	mm	Nominal cross section conductor		1
19	19	min 12	7	7	7	7	-	Number of wire conductor		2
2.83	2.6	2.2	3	2.6	2.2	1.7	mm	Nominal diameter of the conductor strands forming the sun		3
12	11	7.9	7.9	6.8	5.8	4.6	Mm	Mim	Compact conductor diameter (Without insulation)	4
13	12	10.2	8.4	7.3	6.1	4.8	Mm	Max		
15.6	14.6	13.2	11.1	10	8.6	7	Mm	Mim	The outer diameter of the string (with insulation)	5
16.7	15.8	14.1	11.9	10.8	9.2	7.5	Mm	Max		
316	251	182	126	93	67	42	Kg/km	Without insulation	Approximate weight per unit length of standard conductor	6
398	328	248	175	136	100	65		Insulation		
1.8	1.8	1.8	1.6	1.6	1.4	1.2	Mm	Minimum average thickness of insulation extruded		7
2.4	2.4	2.2	2	2	1.7	1.5	Mm	The maximum avarage thickness of the extruded insulation		8
1.52	1.52	1.52	1.34	1.34	1.16	0.98	Mm	The minimum thickness of the extruded insulation		9
0.253	0.32	0.443	0.641	0.868	1.2	1.91	O/KM	.The maximum electrical resistance of the conductor at 20 ° C		10

Weight per unit length of the ABC Cable

Approximate weight of cable kg/km	The number of courses and section conductor	
806	3*35+35+25+25	6 Strings
964	3*50+50+25+25	
1259	3*70+70+25+25	
1619	3*95+95+25+25	
1896	3*120+120+25+25	
397	1*25+25+16+16	4 Strings
469	1*35+35+16+25	
262	1*16+16+16	3 Strings
329	1*25+25+16	

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Technically strand cables used for phase, neutral and lighting

Concentration Level							Measure	Specifications		
120	95	70	50	35	25	16	mm	Nominal cross section conductor		1
19	19	Min 12	7	7	7	7	-	Number of wire conductor		2
2.83	2.6	2.2	2.6	2.6	2.2	1.72	mm	Nominal diameter of the conductor strands firming the sun		3
12	11	9.7	7.9	6.8	5.8	4.6	mm	Min	Compact conductor diameter (Without insulation)	4
13	12	10.2	8.4	7.3	6.1	4.8	mm	Max		
15.6	14.6	13.2	11.1	10	8.6	7	mm	Min	The outer diameter of the string ((with insulation	5
16.7	15.8	14.1	11.9	10.8	6.2	7.5	mm	Max		
316	251	182	126	93	67	42	Kg/km	Without insulation	Approximate weight per unit length of strandedconductor	6
398	328	248	175	136	100	65		Insulation		
1.8	1.8	1.8	1.6	1.6	1.4	1.2	mm	Minimum average thickness of insulation extruded		7
2.4	2.4	2.2	2	2	1.7	1.5	mm	The maximum average thickness of the extruded insulation		8
1.52	1.52	1.52	1.34	1.34	1.16	0.98	mm	The Minimum thickness of the extruded insulation		9
0.253	0.32	0.443	0.641	0.868	1.2	1.91	O/KM	The maximum electrical resistsnce of the .conductor at 20 ^{o} C		10

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱+۹۸
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Diameter of csble (mm)	Approximate weight of cable (kg/km)	The number of coureses and sections conductor (mm^2)
33	684	3*35+16+50
36	803	3*50+16+50
41	1083	3*70+16+70
44	1362	3*95+25+70
46	1575	3*120+25+70

Specification Sheet steel core aluminum conductors (ACSR)

curlev	canart	drake	squab	kawk	lynx	wolf	hyena	dog	mink	fox	weasle		Specification
ASTM	ASTM	ASTM	ASTM	ASTM	BS	BS	BS	BS	BS	BS	BS	standard	
54*3.52	54*3.28	26*4.44	26*3.87	26*3.44	30*2.79	30*2.59	7*4.39	6*4.72	6*3.66	6*2.79	6*2.59	n*mm	Number of strands * Diameter fibers Aluminum
7*3.52	7*3.28	7*3.45	7*3.01	7*2.68	7*2.79	7*2.59	7*1.93	7*1.57	1*3.66	1*2.79	1*2.59	N*mm	Number of strands * Diameter fibers Steel
523.7	456	402.8	3.6.7	241.7	183.5	158	106	105	63.1	36.7	31.6	mm2	Aluminum Conductor cross section
591.5	515.1	468.4	356.5	281.1	226.2	194.9	126.2	118.5	73.7	42.7	36.8	mm2	Cross section
31.68	29.52	28.1	24.5	21.8	19.53	18.13	14.57	14.15	10.98	42.7	7.77	Mm	The final diameter of the conductor
1451	1263	1116	850	670	507	437	290	288	173	101	87	kg/km	Aluminum Weight
0.732	0.733	0.685	0.685	0.685	0.602	0.602	0.644	0.731	0.678	0.678	0.680	kg/kg	
530	461	512	390	308	335	289	160	106	82	48	41	kg/kg	Steel weight
0.268	0.267	0.315	0.315	0.315	0.398	0.398	0.356	0.269	0.322	0.322	0.320	kg/kg	
1981	1724	1628	1240	978	842	726	450	394	255	149	128	kg/km	The total weight of conductor
162700	142100	140100	106800	86900	79800	69500	40900	32700	21800	13200	11400	N	maximum force of ruoture
0.0553	0.0635	0.0719	0.0945	0.12	0.158	0.183	0.2713	0.2733	0.4541	0.783	0.908	O/km	Maximum DC resistance in 20C

View null string holder with aluminum alloy conductor uncompressed

Concentration Level		measure	Specification		
70	50 The actual cross-) :sectional area (54.6	Mm	Nominal cross section conductor		1
7	7	-	Number of wire conductor		2
3.61	3.15	Mm	Nominal diameter of the conductor strands forming the sun		3
10.7	9.2	Mm	Mim	Compact conductor diameter (Without insulation)	4
11.0	9.6	Mm	Max		
13.9	12.4	Mm	Mim	The outer diameter of the string (With insulation)	5
14.4	13.0	Mm	Max		
196	149	Kg/km	Without insulation	Approximate weight per unit length of stranded conductor	6
258	201		Insulation		
20000	15300	N	The minimum conductor rupture force		7
1.6	1.6	Mm	Minimum average thickness of insulation extruded		7
1.9	1.9	Mm	The maximum average thickness of the extruded insulation		8
1.34	1.34	Mm	The minimum thickness of the extruded insulation		9
0.500	0.630	O/KM	.The maximum electrical resistance of the conductor at 20 °C		10

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bakhtar Cables Company is willing to provide advice and assistance on all matters concerning PVC and XLPE insulated power cables.

CABLE CONSTRUCTION & MANUFACTURING PROCESS

Conductor : Copper or Aluminium used for thr Conductors obtained in the form of 8.0 mm Copper rods or 9.5 mm Aluminium rods.

After testing, rods are drawn into wires of required sizes. These wires are formed into final Conductor in the stranding machines under striet Quality surveillance..

Insulation : Cross linked polyethylene compound or PVC is insulated over the conductors by extrusion process.

The raw materials and thicknesses of Insulation are maintained as per standards and conform to

B.S. 5467 / IEC 60502 Part-1 or B.S. 6346 / IEC 60502 Part -1 Standard as the case may be.

The Cores of cables are identified either by colour or by numbers as follows:

No. of coresidentification

Old Colour coding New Colour coding as per BS

1 Red or Black Brown or Blue

2 Red & Black Brown , Blue

3 Red, Yellow Blue Brown, Black, Grey

4 Red, yellow, Blue & Black Blue, Brown, Black, Grey

5 Red, Yellow, Blue, Black, Y/GBlue, Brown, Black, grey & Y/G

6- 61 By numbers By numbers

Laying up : The insulated cores are laid up with a right hand, or alternating left & right hand, direction of lay in the sequence of the core numbers or colours. Where necessary non-hygroscopic fillers and binder tape is used to form a compact and reasonably circular cable.

Bedding : All armoured cables have extruded PVC bedding. PVC used for bedding is compatible with the temperature of Insulation material.

Armour : When armouring is required, the armour consists of single layer of galvanised steel wires/galvanized steel tapes. The armour is applied helically as per standards.

Single core cables are armoured with Aluminium Wires or Copper wires based on requirement.

Outersheath : Standard cables are manufactured with Extruded black PVC Type-9 or ST-2. Outersheath is embossed or printed with the information required by relevant standards.

Special FR, FRLS, FRRT, LSF, MDPE compounds are used for outersheathing of cables, to suit customer, s specifir requirements.

QUALITY:

Bakhtar maintains very high standards of product quality through strict and efficient system. Bakhtar,s Quality department is fully equipped with modern testing equipment and instruments duly calibrated and are from internationally reputed manufacturers.

Quality methods have been standardized and procedures are established to ensure that every length of cable going out of Bakhtar, s premisesis of consistent quqlity as per stipulated standards.

Bakhtar has always recognized the importance of qulaity and its commitment is retlected in each and every product. Quality an integral.

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+

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العنوان : کرمانشـاه کم ۵ الطریق سننـدج

part of production and supply process and is maintained at all stages stsrting from raw material testing, in-process testing, finished goods testing, packaging and shipping.

Bakhtar Quality Assurance Department is fully equipped
with sophisticated testing equipments
Raw Material Inspection at Raw Material Stage
In-Process Inspection at each Process Stage
Final Inspection at Finished Product Stage

PRODUCT LIFE DATA

Low Voltage cables is not subjected to high electric stress, the XLPE insulating material has a dielectric strength voltage of about 22 KV, with the best manufacturing and testing practice applied in bakhtar Cables Company to ensure good quality insulation .

As Insulation treeing is uncommon problem for LV cables. the chance of electric break down is verv minor.

The PVC or PE jacketing material is very stabk against most of the Chemical traces could be existing at the soil, these material with Black colour Master batch up to 2.5 % have a strong resistance againstUV and Environmental conditons.

The cables have to be selevted and instslled as per the rocommendation mentioned below.

By keeping such standard of installation and operation; Low Voltage cables can survive in service for a time of 25 years or more without failure.

RECOMMENDATIONS FOR THE SELECTION, INSTSLLATIONS AND OPERATION OF CABLES

bakhtar Cables Company.

conditions in the system in which the cable is used. To facilitate the selection of the cable, systems are divided into three categories as follows.

a) Category A

This category comprises those systems in which any phase conductor that comes in contact with earth or

an earth conductor is disconnected from the system within 1 min.

b) Category B

This category comprises those systems which, under fault conditions, are operated for a short time with one phase earthed. This period, according to IEC 60183, should not exceed 1 h.

For cables specified in this standard, a longer period, not exceeding 8 h on any occasion, can be tolerated. The total duration of earth faults in any year should not exceed 125 h.

کابل برتر کابل باختر

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In-process control

Since producing high quality product requires the cooperation of all employees. bakhtarwire & Cable Company attend to train all staff by providing a training unit, so it can say with utter frankness that each of operators oversees his product as a quality control inspector and with providing the calibrated measuring instaument such as caliper, micrometer and so on, to teach operator, can control and check the production process. In addition, inspectors and experts of quality control are awareness of doing work properly to can produce the ideal and high quality product according to update standards and requests of customers with their cooperation and collaboration, obviously, improving the quqntity and quality level of production without using a comprehensive management toola, is not possible. Therefore. this company in spite of development plans puts on its agenda the implementation of management systems including ISO 9001-2008, ISO 19001-2004, ISO 10002-2004, and OHSAS 18001-2007.During the years 2009-2010, with advice from reputablec companies succeeded to obtain the management systems and implementation of laboratory system IEC/ISO 17025 since 2009, in counseling with a reputable company in Iran, this company is obtaining IEC/ISO 17025 standard, so that the necessity of this standard makes up the lab to be known as an accredited laboratory and can satisfy the requirements of all customers and companies inside and outside Iran

Due to the high variety of products in wire & cable industries, e.g. special wires and cables (Halogen free, oil resistant, low smoke, ...) data and coaxial cables, power cables, instrument cables and etc., this lab can test all listed parameters with the latest available standards (international and national standards) based on factories testing and meet customer ,s requirements.

Standards related to wire and cable industries available in this lab arc as follows

IEC standard
BS standard
ASTM standard
VDE standard
NFC standard
ISIRI standard
JIS standard

Experiments conducted in this lab are as follows:

Routine or current test: these tests should be perfomed on all produced samples and confirmation of any equipment depends to meet the needs of such experiments.

Type test: these tests carry out on products with specified standard conditions and as rabdom sample. and the is no need to repeat these tests till production cycle or restored ingredients do not change. Meanwhile some of them are destructive.

Specified or sample test: these tests are of particular circumstance ir which some of them are mandatory and some are done with mutual agreement of the purchaser and the manufacturer.

And other tests have dine:

Measuring capacitance and inductance of instrument cables
Measuring of cross-talk attenuation of telephone cables

Gel content test (xylene)to measure the crosslink percentage of XLPE insulation.
Irregularity test (silicone oil)to detect gross, bumps of XPLE insulation . conductor and insulation screen
Smoke test of PVC and Halogen Free cables
Hardness test
Fire resistance test
Halogen gas test
Flame retardant test

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+
العنوان : کرمانشـاه کم ۵ الطریق سننـدج

Products quality control

The scope of activities in product quality control aligned with production lines and perhaps more than it, since controlt from the earliest stage of the purchasing raw materials to the final stage of delivering product to the customer, is necessary Control process is divided into three general headings
1-Control of raw materials and their specifications conformity with the company requirements
2-Control of manufacturing process and conformity with standards
3-Final product testing and providing test sheet
This control process with all of the related details performs by inspectors of the quality control department with subsets of low and high voltage laboratories and calibration unit.
Regarding to the critical and important role of wire and cable in power systems and so on, the quality & compulsory standards is important in wire & cable industry. However low voltage laboratory with starting the production line, put in working order, then equipped and began his work.
This laboratory has the experienced and qualified manager and experts. therefore in 2011, in global day of quality and standard, manager of quality control of this company is known as a best quality control manager in electrical industry of province. With the efforts of respectable managing director, the company could have bought the best and most modern equipment that for improving the quality of performed tests, are effective.
Now, with regards to modern laboratory equipment and its experienced personnel, during the visit of experts of Iran standard and industrial researches office along with experts of the office of Kermanshah standards and industrial research from the laboratory of Bakhtar cable company, this laboratory was able to done the power and welding wire and cable tests according to the
national standard of Iran as a province co-laboratory in 2010 and the results reported to the office of standards. It is also approved in 2011 as a national co- laboratory by the standard and industrial researches office of Iran Perhaps, it can be say daring, the most important and sensitive unit of quality control is calibration part and since the direct and indirect measuring methods of production machines and laboratory tests devices that have a large share in the qualified and conforming with the global standards, can calibrate by reputable local companies with calibration certification of the
competent authorities and the measurement equipment confirmation is a label that issued by the calibrating company and installed on the related equipment, its certification is also issued and maintained in equipment record .

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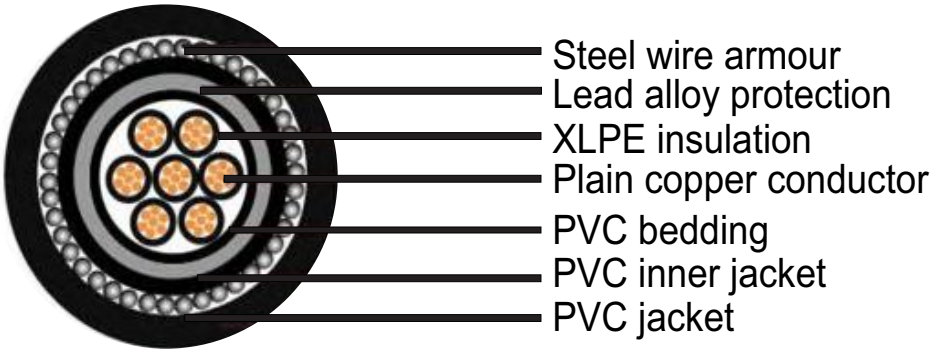
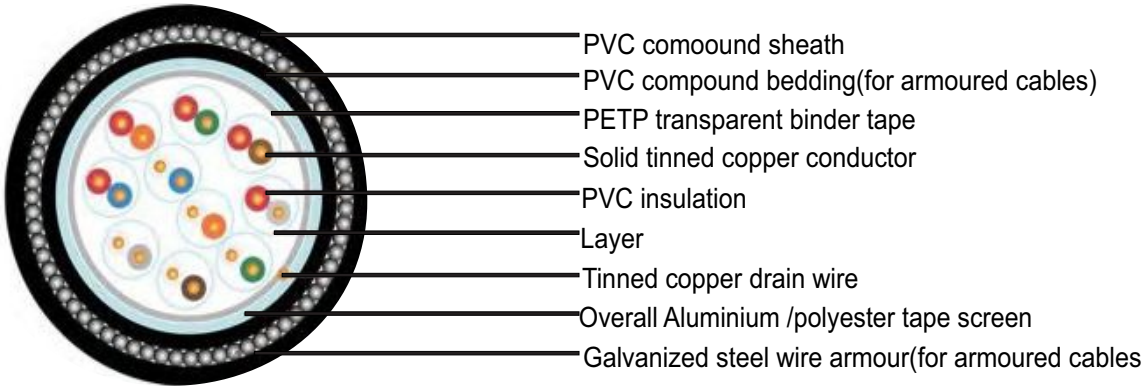
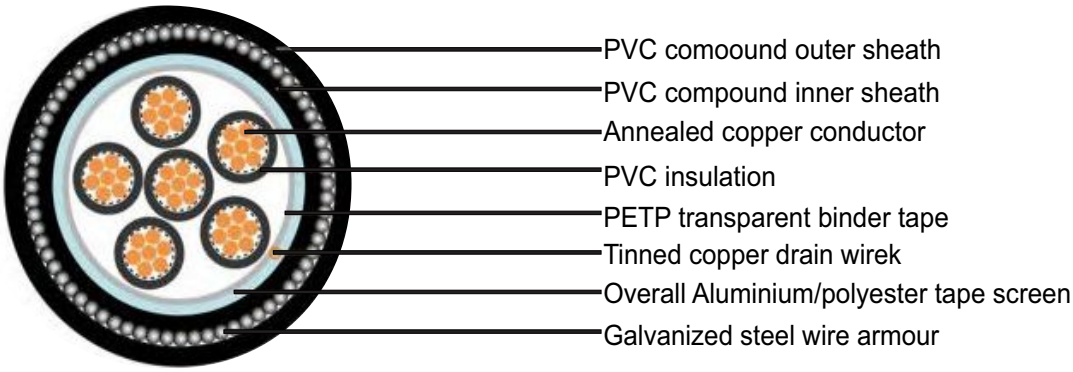
Bakhtar Cables

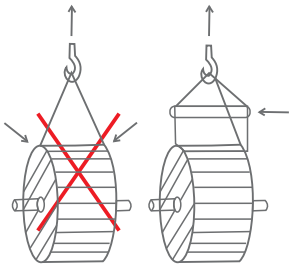




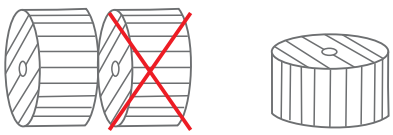


DRUM HANDLING INSTRUCTIONS

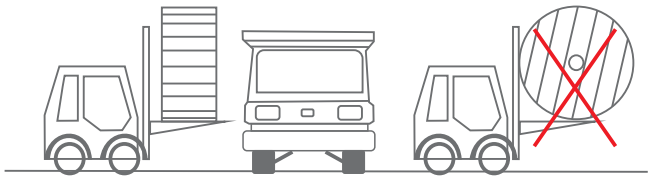
Cables and Conductors should be installed by trained personnelin accordance with good engineering practices, recognized codes of practise, statutory local requirements, wiring engulations and where relevant, in accordance with any specific instructions issued by the company. Cables are often supplicd in heavy cable reels and handling these reels can constitutc a safety hazard. In Particular, dangers may arise during the removal of steel binding straps and during the removal of retaining battens and timbers which may expose projecting nails.



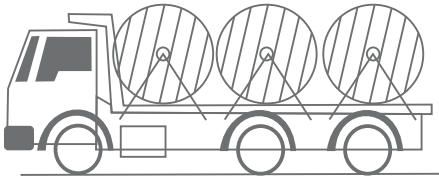
Lifting cable drums using crane.



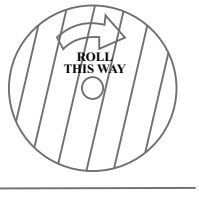
Do not lay drums flat on their sides, use proper stops to prevent drums roling.



lift drums on fork trucks correctly.



secure drums adequately before transportation.



Roll in the direction shown by the arrow.

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ORDERING INFORMATION

To serve our customer in minimum time and high cfficicncy, our valuablc customers and requested to provide the following details along with their enquiries and orderS:

1. Number of phases/cores.
2. Conductor required cross sectional area (conductorsize along with size of neutral phase).
3 system Voltage Rate.
4. Applicable customer specification or International Standard / Norm.
5. Conductor meterial (Copper/Aluminum).
6. Insulation Material (PVC/XLPE/LSZH).
7. Bedding / Inner Sheathing (Inner Jackering(PVC/PE, ...).
8. Armouring Type (SWA, AWA or STA).
9. Cable jacketing material (PVC/MDPE/LSZH).
10. Cable special features required, e.g. circular conductors, Flame Retardant Type to IEC 6 0332-3, Anti-termite
11. Required lengh of cables (drum schedules)

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هاتف : ۶۳-۶۲-۶۰-۹-۸-۳-۳۴۲۷۰۵۵۱-۹۸+
فاکس : ۳۴۲۷۰۵۵۴ - ۸۳ - ۹۸+

العنوان : کرمانشـاه کم ۵ الطریق سننـدج












نشانی کارخانه:
کرمانشاه، کیلومتر۵ جاده سنندج، شرکت کابل باختر
تلفن: ۶۳-۳۴۲۷۰۵۵۱-۰۸۳ فکس:۳۲۷۴۰۵۵۴ -۰۸۳






Bakhtar Cable Co.

اولین دارنده تأییدیه های وزارت نیرو – وزارت نفت – وزارت راه وشهرسازی – وزارت دفاع – شرکت نفت و گاز

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