

CABLE

PRODUCT
CATALOGUE



VCON CABLE





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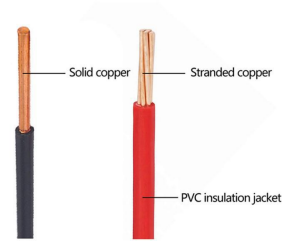
BV Single Core PVC Insulated Cable

Application

These cables are used for general purpose , as building wire for power , lighting and control wire to electrical appliances , suitable for use in conduit and for fixed , protected installation

• SPECIFICATIONS

- Type** : H05V-U,H07V-U
- Standard** : GB/T5023,IEC60227,BS6004
- Nominal Voltage** : 300/500V 450/750V
- No. Of Cores** : Single
- Conductor** : Class 1/2 Plain Annealed Copper
- Insulation Material** : PVC
- Colour** : Brown,Grey,Black,Blue,Green/Yellow or other on request



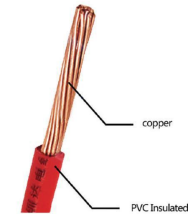
BVR Flexible Electrical Cable

Application

These cables are used for general purpose , as building wire for power , lighting and control wire to electrical appliances , suitable for use in conduit and for fixed , protected installation

• SPECIFICATIONS

- Type** : H07V-R
- Standard** : GB/T5023,IEC60227,BS6500,VDE0281,JB/T8734
- Nominal voltage** : 450/750V
- No.of cores** : Single
- Conductor** : Class 1/2 Plain Annealed Copper Wires
- Insulated Material** : PVC
- Colour** : Requirement



300/500V and 450/750V BV copper core PVC insulated cables (wires)

Voltage level (V)	Nominal section (mm ²)	Number of conductors	Top limit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ·km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/500	0.5	1	2.3	36	0.015	13	8.3
	0.75	7	2.6	24.5	0.012	17	10.9
	0.75	1	2.7	24.5	0.014	17	11.8
	1	7	2.8	18.1	0.011	20	13.7
	1	1	3.0	18.1	0.013	20	14.8
	1.5	1	3.2	12.1	0.011	25	20.0
	1.5	7	3.3	12.1	0.010	25	21.3
	2.5	1	3.9	7.41	0.010	34	31.5
	2.5	7	4.0	7.41	0.009	34	34.4
	4	1	4.4	4.61	0.0085	44	46.8
450/750	4	7	4.6	4.61	0.0077	44	48.1
	6	1	5.0	3.08	0.0070	58	65.1
	6	7	5.2	3.08	0.0065	58	68.8
	10	7	6.7	1.83	0.0065	79	111
	16	7	7.8	1.15	0.0050	111	166
	25	7	9.7	0.727	0.0050	146	263
	35	7	10.9	0.524	0.0040	180	356
	50	19	12.8	0.387	0.0045	228	487
	70	19	14.6	0.268	0.0035	281	679
	95	19	17.1	0.193	0.0035	344	932
	120	37	18.8	0.153	0.0032	397	1163
	150	37	20.9	0.124	0.0032	456	1424
	185	37	23.3	0.0991	0.0032	519	1789
	240	61	26.6	0.0754	0.0032	592	2335
	300	61	29.6	0.0601	0.0030	685	2924

450/750V BVR copper PVC insulated flexible cable

Conductor cross section	minimum wall-thickness	Outer Ø min. - max.	Weight approx.	Maximum current rating Air 25 °C	Conductor DC resistant at 20°C
mm ²	mm	mm	kg / km	A	Ω/km
1.5	0.7	3.3	21	25	12.1
2.5	0.8	3.9	33.1	34	7.41
4	0.8	4.4	49	44.5	4.61
6	0.8	4.9	69.4	58	3.08
10	1	7	116	79.5	1.83
16	1	8	175	111	1.15
25	1.2	10	275	146	0.727
35	1.2	11.5	372	180	0.524
50	1.4	13	496	225	0.387
70	1.4	15	701	280	0.268
95	1.6	17.5	969	344	0.193
120	1.6	19	1202	397.5	0.153
150	1.8	21	1478	455	0.124
185	2	23.5	1853	519	0.0991
240	2.2	26.5	2417	541	0.0754
300	2.4	29.4	3024	636	0.0601
400	2.6	33.1	3825	727	0.047

More / Very Flexible Cable

Switchgear and Controlgear Cables

Application

These cables are intended for use in the wiring of switch , control , metering , relay and instrument panels of power switchgear , and for such purposes as internal connections in rectifier equipment and its motor starters and controllers

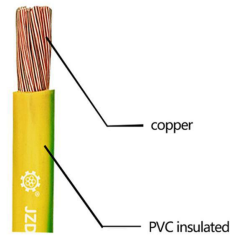
BVV Single Core Power Cable With Jacket

Application

These cables are used for general purpose, as building wire for power, lighting and control wire to electrical appliances, suitable for use in conduit and for fixed, protected installation

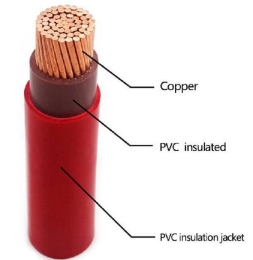
• SPECIFICATIONS

Type	:	H05V-K
Standard	:	IEC 60227
Nominal voltage	:	450/750V
No.of cores	:	Single
Conductor	:	Class 5 Fine Annealed Copp
Insulated Material	:	PVC
Colour	:	Green/Yellow,Blue or other colour



• SPECIFICATIONS

Type	:	Double jacket cable
Standard	:	IEC 60227
Nominal Voltage	:	300/500V
No. Of Cores	:	Single
Conductor	:	Copper Core
Insulation Material	:	PVC
Colour	:	Requirement
Jacket	:	PVC



300/500V and 450/750V RV copper core PVC insulated flexible cable

Voltage level (V)	Nominal section (mm ²)	Toplimit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ · km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/500	0.3	2.3	69.2	0.016	10	6.2
	0.4	2.5	48.2	0.014	11.7	8.0
	0.5	2.5	39.0	0.013	13.3	9.0
	0.75	2.7	26.0	0.011	17.0	12.2
	1	2.8	19.5	0.010	20	14.8
450/750	1.5	3.4	13.3	0.010	25.4	21.6
	2.5	4.1	7.98	0.009	34.5	34
	4	4.8	4.95	0.007	44.5	50
	6	5.3	3.30	0.006	58.3	75
	10	6.8	1.91	0.0056	79.5	132
	16	8.1	1.21	0.0046	111	197
	25	10.2	0.780	0.0044	146	289
	35	11.7	0.554	0.0038	180	380
	50	13.9	0.386	0.0037	225	549
	70	16.0	0.272	0.0032	280	754

300/500V and below BVV Copper core PVC insulated solid cables (wires)

Voltage level (V)	Nominal section (mm ²)	Number of conductors	Toplimit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ · km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/500	0.75	1	4.4	24.5	0.012	17	22
	1	2	4.5	18.1	0.011	20	25
		1	5.0	12.1	0.011	25	33
	1.5	2	5.2	12.1	0.010	25	35
		1	5.7	7.41	0.010	34	47
	2.5	2	5.9	7.41	0.009	34	51
		1	6.5	4.61	0.0085	44	66
	4	2	6.8	4.61	0.0077	44	71
		1	7.1	3.08	0.0070	58	88
	6	2	7.3	3.08	0.0065	58	94
		2	8.8	1.83	0.0065	79	146
	16	2	9.5	1.15	0.0059	65	203
		2	12.3	0.727	0.0057	89	312
		2	14.1	0.524	0.0049	110	417
		2	17.5	0.387	0.0048	135	569
		2	19.8	0.268	0.0042	175	781
		2	24.2	0.193	0.0041	220	1057
		2	26.6	0.153	0.0037	255	1309
2		31.0	0.124	0.0037	295	1606	
185		2	35.8	0.0991	0.0037	345	2003

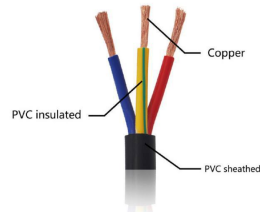
PVC insulated and sheathed Multi core flexible cable

Application

These cables are intended for use in the wiring of switch , control , metering , relay and instrument panels of power switchgear , and for such purposes as internal connections in rectifier equipment and its motor starters and controllers

• SPECIFICATIONS

Type	: H03VV-F, H05VV-F
Standard	: GB/T5023,IEC60227,BS6500,VDE0281,JB/T8734
Nominal voltage	: 300/300V, 300/500V
No. of cores	: 2~7 cores
Conductor	: Class 5 Fine Annealed Copper Wires
Insulated Material	: PVC
Colour	: Requirement
Jacket	: PVC



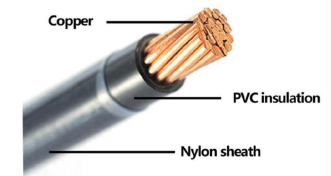
THHN PVC Insulated and Nylon Jacket Cable A Mega-scale wire & cable

Application

The nylon sheathed cable has more excellences in physical and electrical performance than the PVC cable. It is self-lubrication, and has good resistance to corrosion,oil,acids, alkali, and moisture. It is widely used in fixed installation, home appliance, lighting equipment, construction and aviation engine room with voltage up to 450/ISOV.

• SPECIFICATIONS

Type	: Nylon sheathed cable
Standard	: UL83
Nominal voltage	: 450/750V and below
No. of cores	: Single core
Conductor	: Copper
Insulated Material	: PVC
Jacket Colour	: Nylon



300/300V and 300/500V RVV multi core PVC insulated and sheathed flexible cable

Voltage level (v)	Nominal section (mm ²)	Toplimit of overall diameter (mm)	Maximum DC resistance (20 °C) (mm)	Minimum insulation resistance (20 °C) (MΩ · km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/300	2×0.5	5.9	39.0	0.012	10	37
	2×0.75	6.3	26.0	0.010	13	47
	3×0.5	6.3	39.0	0.012	8	44
	3×0.75	6.7	26.0	0.010	10	58
	2×0.75	7.2	26.0	0.011	13	58
	2×1.0	7.5	19.5	0.010	16	66
	2×1.5	8.6	13.3	0.010	20	89
	2×2.5	10.6	7.98	0.009	27	137
	2×4	12.4	4.95	0.007	38	205
	2×6	14.5	3.30	0.006	50	280
	3×0.75	7.6	26.0	0.011	9	70
	3×1.0	8.0	19.5	0.010	11	80
300/500	3×1.5	9.4	13.3	0.010	12	112
	3×2.5	11.4	7.98	0.009	21	172
	3×4	13.5	4.95	0.007	27	255
	3×6	14.0	3.30	0.006	34	340
	4×0.75	8.3	26.0	0.011	10	84
	4×1.0	9.0	19.5	0.010	12	101
	4×1.5	10.5	13.3	0.010	13	141
	4×2.5	12.5	7.98	0.009	21	210
	4×4	14.6	4.95	0.007	27	310
	4×6	16.0	3.30	0.006	35	425
	5×0.75	9.3	26.0	0.011	10	103
	5×1.0	9.8	19.5	0.010	12	119
	5×1.5	11.6	13.3	0.010	13	172
	5×2.5	13.9	7.98	0.009	22	257
	5×4	16.5	4.95	0.007	27	386
	5×6	17.3	3.30	0.006	35	518

450/750V and below PVC insulated and Nylon sheathed cables

Size	NO. of Strands	PVC Insulation Thickness	Nylon Sheath Thickness	Approx Cable OD.	Ampacity	
		mm	mm		THHN 75	THWN 90
14	Solid	0.38	0.1	2.6	15	15
12	Solid	0.38	0.1	3.02	20	20
10	Solid	0.51	0.1	3.81	30	30
14	19	0.38	0.1	2.78	15	15
12	19	0.38	0.1	3.27	20	20
10	19	0.51	0.1	4.11	30	30
8	19	0.76	0.13	5.43	50	65
6	19	0.76	0.13	6.36	65	75
4	19	1.02	0.15	8.11	85	95
3	19	1.02	0.15	8.82	100	110
2	19	1.02	0.15	9.63	115	130
1	19	1.27	0.18	11.09	130	150
1/0	19	1.27	0.18	12.08	150	170
2/0	19	1.27	0.18	13.34	175	195
3/0	19	1.27	0.18	14.64	200	225
4/0	19	1.27	0.18	16.04	230	280
250	37	1.52	0.2	17.79	255	290
300	37	1.52	0.2	19.09	286	320
350	37	1.52	0.2	20.39	310	350
400	37	1.52	0.2	21.49	335	380
500	37	1.52	0.2	23.59	380	430

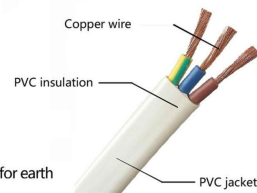
Flat TPS Cable

Application

These cables are used for general wiring, unenclosed, enclosed in conduit, buried direct or in underground ducts for domestic, commercial and industrial applications where not subject to mechanical damage.

SPECIFICATIONS

- Type** : Flat TPS cable, Flat cable twin, Flat cable twin with earth
- Standard** : AS/NZS 5000.2
- Nominal voltage** : 300/500V
- No. of cores** : 2C, 3C, 2C+E, 3C+E
- Conductor** : copper
- Insulated Material** : V-90 PVC
- Colour core** : red and black for active core, green/yellow for earth
- Colour sheath** : white



300/500V BVVB 2core or 3 core PVC insulated and sheathed flat cable

Voltage level (V)	Nominal section (mm ²)	Number of conductors	Top limit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ · km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/500	2×0.75	1	4.6×7.1	24.5	0.012	13	42
	2×1.0	1	4.8×7.4	18.1	0.011	16	49
	2×1.5	1	5.3×8.5	12.1	0.011	20	65
	2×2.5	1	6.2×10.1	7.41	0.010	27	97
	2×4	1	6.7×11.1	4.61	0.0085	38	140
	2×6	1	7.5×12.5	3.08	0.0070	50	192
	2×10	2	9.5×16.2	1.83	0.0065	69	306
	3×0.75	1	4.6×9.6	24.5	0.012	9.5	60
	3×1.0	1	4.8×10.1	18.1	0.011	11	70
	3×1.5	1	5.3×11.7	12.1	0.011	13	95
	3×2.5	1	6.2×14.0	7.41	0.010	21	142
	3×4	1	7.0×15.8	4.61	0.0085	27	213
	3×6	1	7.5×17.5	3.08	0.0070	34	284
	3×10	2	9.5×23.0	1.83	0.0065	55	457

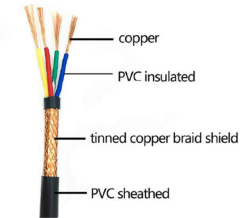
RVVP Multi Core PVC Insulated And Sheathed Cable With Shield

Application

These screened cables are used inside as power or control cables for installations and connections on machine tools or static or dynamic apparatus, suitable for communication, audio, broadcasting, sound system, anti-theft alarm system, intelligent automation system, automatic meter reading system, fire control system, etc.

SPECIFICATIONS

- Type** : RVVP
- Standard** : IEC60227, BS6500, VDE0281, GB/T5023, JB/T8734
- Nominal voltage** : 300/500V
- No. of cores** : 2~7 cores
- Conductor** : Class 5 fine annealed copper wires
- Insulated Material** : PVC
- Sheath** : PVC
- Shield** : Al foil + tinned copper wire braiding or PVC bedding + tinned copper wire braiding



300/500V Multi Core PVC Insulated and sheathed Flexible Cable with shield

Voltage level (V)	Nominal section (mm ²)	Number of cores/diameter (mm)	Max diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Reference weight (kg/km)
300/500	2×0.5	2×16/0.20	6.8	39.0	59.2
	2×0.75	2×24/0.20	7.4	26.0	70.7
	2×1.0	2×32/0.20	8.2	19.5	86.7
	2×1.5	2×30/0.25	9.5	13.3	110.4
	3×0.5	3×16/0.20	7.1	39.0	60.7
	3×0.75	3×24/0.02	7.8	26.0	73.6
	3×1.0	3×32/0.20	9.1	19.5	100
	3×1.5	3×24/0.25	10.0	13.3	131

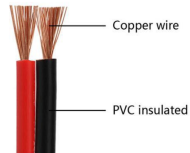
RVB Speaker Cable

Application

These cables are suitable for use in audio systems for low and high power speaker connections, security applications, and suitable for household lighting, electrical appliances, instruments, radio and audio connection control wire, fire wire, etc

• SPECIFICATIONS

- Type** : Speaker cable,RVH,Audio cable,Sound cable,Fig.8cable
- Standard** : IEC60227, GB/11016.3
- Nominal voltage** : 300/300V
- No.of cores** : 2 core (parallel webbed)
- Conductor** : Bare copper
- Insulation** : PVC or transparent PVC



300/300V Speaker cables or red and black cables

Voltage level (V)	Nominal section (mm ²)	Top limit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ • km)	Reference weight (kg/km)
300/300V	2×0.3	2.3×4.3	69.2	0.016	12.6
	2×0.4	2.5×4.6	48.2	0.014	16.0
	2×0.5	3.0×5.8	39.0	0.016	22.0
	2×0.75	3.2×6.4	26.0	0.014	29.0
	2×1.0	3.3×6.6	19.5	0.012	35.0
	2×1.5	3.6×7.2	13.3	0.010	46.0
	2×2.5	4.1×8.2	7.98	0.009	62.0
	2×4	5.2×10.4	4.95	5.090	80.0
	2×6	5.8×11.6	3.3	3.390	

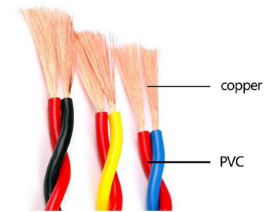
Twisted Pair Cable

Application

These cables are mainly used in the fire-fighting system, Electrical appliances, instruments and other telecommunications equipment and other lines, can also be used for lighting connection line, most cases will be used in a variety of mechanical and instrument internal connection line, security field can often be used to also called "fire line".

• SPECIFICATIONS

- Type** : RVS
- Standard** : IEC 60227
- Nominal voltage** : 300/500V
- No.of cores** : 2 core
- Conductor** : Bare copper strands
- Insulated Material** : PVC
- Colour** : Requirement



300/500V Twisted Pair Cables

Voltage level (V)	Nominal section (mm ²)	Top limit of overall diameter (mm)	Maximum DC resistance (20°C) (Ω/km)	Minimum insulation resistance (70°C) (MΩ • km)	Recommended value of carrying capacity (A)	Reference weight (kg/km)
300/500	2×0.5	6.0	39	0.013	13.3	24.0
	2×0.75	6.2	26.0	0.011	17.0	31.0
	2×1.0	6.6	19.5	0.010	20.0	36.5
	2×1.5	7.2	13.3	0.010	25.4	47.2
	2×2.5	8.2	7.98	0.009	34.5	66.8
	2×4	9.2	4.95	0.007	44.5	97.3
	2×6	10.6	3.30	0.006	58.3	138.9

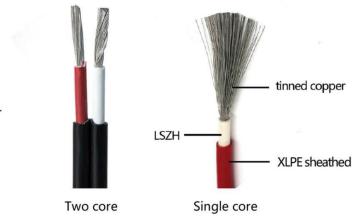
LSZH Insulated and PVC sheathed Solar Cable

Application

Solar cables are mainly used in harsh climate, high temperature resistance, cold resistance oil resistance, acid and alkali resistance, UV resistance, flame retardant, environmental protection, service life of more than 25 year

• SPECIFICATIONS

Type	:	PV1-F
Standard	:	IEC 60228
Nominal voltage	:	0.6/1kv
No.of cores	:	Single core, 2 core
Conductor	:	Finely stranded tinned copper
Insulated Material	:	LSZH / XLPE
Jacket Colour	:	Red and Black
Jacket Material	:	XLPE



0.6/1kv PV LSZH insulated and XLPE sheathed and tinned copper power cable

Cross Section (mm ²)	Conductor Construction (n/m)	Outer (mm)	Resistance Max. (Ω/km)	Current Carrying Capacity (A)
1.5	30/0.25	4.90	13.30	30
2.5	50/0.25	5.45	7.89	41
4	56/0.3	6.10	4.75	50
6	84/0.3	7.20	3.39	70
10	142/0.3	9.00	1.95	98
16	228/0.3	10.20	1.24	132
25	361/0.3	12.00	0.795	176
2 x 1.5	30/0.25	8.3 ± 0.2	13.30	30
2 x 2.5	50/0.25	9.2 ± 0.2	7.98	41
2 x 4	56/0.3	12.0 ± 0.2	4.75	50
2 x 6	84/0.3	13.5 ± 0.2	3.39	70
2 x 10	142/0.3	17.6 ± 0.2	1.95	98
2 x 16	228/0.3	19.8 ± 0.2	1.24	132

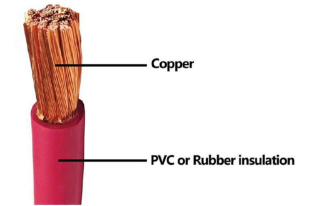
YH Welding Cable

Application

The use of environmental conditions is complex,such as sun, water, boiling,contact with mud and water,oil,acid-baseliquid,It is required to have certainweather resistance an oil resistance,solvent resistance,secondary side wiring for electric welding machine and special cable for connecting electric welding tongs and electric welding machine

• SPECIFICATIONS

Type	:	YH, YHF
Standard	:	245 IEC 81, IEC S-75-381
Nominal voltage	:	450/750V and below
No.of cores	:	Single
Conductor	:	Copper
Insulated Material	:	PVC or Rubber
Colour	:	Requirement



450/750V PVC or Rubber Sheathed welding Cables

Nominal section (mm ²)	Conductive Core Number/Diameter of Core (mm)	Thickness of Section Sheath (mm)	Maximum DC resistance (20℃) (Ω/km)		Average Outer Diameter (mm ²)		Reference weight (kg/km)	
					Min	Max	YH	YHF
10	322/0.20	1.8	146	153.51	7.5	9.7	146	153.51
16	513/0.20	2	218.9	230.44	9.2	11.5	218.9	230.44
25	798/0.20	2	316.6	331.15	10.5	13	316.6	331.15
35	1121/0.20	2	426	439.87	11.5	14.5	426	439.87
50	1596/0.20	2.2	592.47	610.55	13.5	17	592.47	610.55
70	2214/0.20	2.4	790	817.52	15	19.5	790	817.52
95	2997/0.20	2.6	1066.17	1102.97	17	22	1066.17	1102.97
120	1702/0.30	2.8	1348.25	1392.55	19	24	1348.25	1392.55
150	2135/0.30	3	1678.5	1698.72	21	27	1678.5	1698.72
185	1443/0.40	3.2	1983.8	2020.74	22	29	1983.8	2020.74

YJV 0.6/1KV XLPE insulation Power Cable

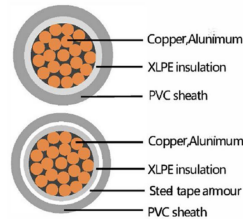
Single core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No.of cores	: Single core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV Single-core power cable

No. Of cores* section (mm ²)	Normal insulation thickness (mm)		Normal thickness of overshooth (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
	Unarmoured	Armoured	Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
							Unarmoured	Armoured	YJLV	YJLV22
1×2.5	0.7		1.4		6.1		60			
1×4	0.7		1.4		6.6		77			
1×6	0.7		1.4		7.1		99			
1×10	0.7	0.7	1.4	1.8	8.4	12.5	148	300	88	240
1×16	0.7	0.7	1.4	1.8	9.4	13.5	208	376	144	282
1×25	0.9	0.9	1.4	1.8	11.1	15.2	308	497	159	344
1×35	0.9	0.9	1.4	1.8	12.3	16.4	406	614	198	399
1×50	1.0	1.0	1.4	1.8	13.7	17.8	535	766	257	481
1×70	1.1	1.1	1.4	1.8	15.9	19.8	746	1003	339	588
1×95	1.1	1.1	1.5	1.8	18.4	21.2	1011	1301	438	725
1×120	1.2	1.2	1.5	1.8	20.4	23.0	1267	1575	541	846
1×150	1.4	1.4	1.6	1.8	22.3	24.9	1534	1883	657	1002
1×185	1.6	1.6	1.6	1.8	24.8	27.2	1920	2214	806	1186
1×240	1.7	1.7	1.7	1.8	27.7	30.0	2484	2791	1015	1439
1×300	1.8	1.8	1.8	1.9	30.6	32.8	3090	3422	1240	1705
1×400	2.0	1.0	1.9	2.0	34.1	36.7	3949	4351	1599	2559
1×500	2.2	2.0	2.0	2.2	38.1	42.1	4967	5947	1969	3050
1×630	2.4	2.4	2.2	2.3	42.3	46.3	6296	7379	2437	3568
1×800	2.6	2.6	2.4	2.6	47.2	52.7	8015	9305	3040	4296
1×1000	2.8	2.8	2.6	2.8	50.9	55.3	9866	11221	3668	5030

YJV 0.6/1KV XLPE insulation Power Cable

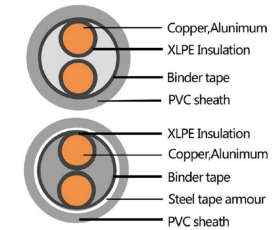
Two core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No.of cores	: Two-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV Two-core armoured and unarmoured power cables

No. Of cores* section (mm ²)	Normal insulation thickness (mm)	Normal thickness of overshooth (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
2×2.5	0.7	1.8	1.8	10.5	12.3	123	238		
2×4	0.7	1.8	1.8	11.4	14.0	169	303		
2×6	0.7	1.8	1.8	12.4	15.0	218	364	149	296
2×10	0.7	1.8	1.8	15.0	17.6	328	497	209	378
2×16	0.7	1.8	1.8	17.1	19.6	461	655	274	468
2×25	0.9	1.8	1.8	20.5	23.1	693	928	388	623
2×35	0.9	1.8	1.8	22.8	25.4	911	1175	485	747
2×50	1.0	1.8	1.8	25.7	28.9	1200	1538	632	970
2×70	1.1	1.8	1.9	29.9	33.1	1666	2065	844	1240
2×95	1.1	1.9	2.0	33.9	37.0	2227	2616	1087	1535
2×120	1.2	2.0	2.2	37.6	42.0	2796	3649	1351	2291
2×150	1.4	2.2	2.3	41.5	46.1	3409	4362	1664	2723
2×185	1.6	2.3	2.5	46.6	51.8	4279	5427	2059	3333
2×240	1.7	2.5	2.6	52.1	57.4	5512	6779	2590	3919
2×300	1.8	2.6	2.8	57.8	63.1	6758	8252	3175	4936
2×400	2.0	2.9	3.0	64.8	71.5	8624	11101	4070	6511
2×500	2.2	3.1	3.3	72.6	79.4	10981	13786	4934	7745
2×630	2.4	3.3	3.5	80.8	87.6	13881	16998	6099	9223

YJV 0.6/1KV XLPE insulation Power Cable

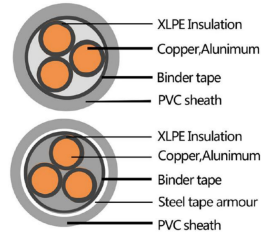
Three core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No. of cores	: Three-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV Three-core armoured and unarmoured power cables

No. Of cores* section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
3*4	0.7	1.8	1.8	12.0	14.5	223	365		
3*6	0.7	1.8	1.8	13.1	15.6	297	452		
3*10	0.7	1.8	1.8	15.9	18.4	446	637	266	457
3*16	0.7	1.8	1.8	18.1	20.6	638	858	355	575
3*25	0.9	1.8	1.8	21.8	24.3	959	1211	500	750
3*35	0.9	1.8	1.8	24.3	26.8	1275	1559	633	913
3*50	1.0	1.8	1.9	23.5	26.6	1570	1884	744	1970
3*70	1.1	1.9	2.0	26.8	30.0	2184	2547	1003	1419
3*95	1.1	2.0	2.2	32.1	36.4	2996	3691	1286	2186
3*120	1.2	2.1	2.3	34.1	38.4	3654	4405	1592	2578
3*150	1.4	2.3	2.4	38.9	44.4	4584	5554	1954	3105
3*185	1.6	2.4	2.6	42.3	47.5	5673	6684	2426	3671
3*240	1.7	2.6	2.8	47.7	52.9	7277	8510	3048	4447
3*300	1.8	2.7	2.9	52.2	57.3	9080	10399	3786	5289
3*400	2.0	3.0	3.2	68.5	75.0	11958	14531	4875	7400
3*500	2.2	3.2	3.4	76.1	82.4	14927	17754	5856	8604
3*630	2.4	3.5	3.7	84.9	91.4	18863	22052	7156	10352

YJV 0.6/1KV XLPE insulation Power Cable

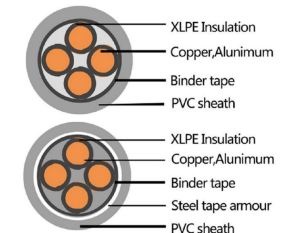
Four core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No. of cores	: Four-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV Four-core armoured and unarmoured power cables

No. Of cores* section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
4*4	0.7	1.8	1.8	12.5	18.1	282	430		
4*6	0.7	1.8	1.8	14.7	17.1	383	545		
4*10	0.7	1.8	1.8	16.9	19.1	565	752	390	517
4*16	0.7	1.8	1.8	19.3	21.6	783	1020	416	663
4*25	0.9	1.8	1.8	23.5	25.7	1241	1502	593	902
4*35	0.9	1.8	1.8	26.7	28.7	1631	1957	776	1096
4*50	1.0	1.8	1.9	28.0	32.6	2080	2812	961	1770
4*70	1.1	2.0	2.1	33.2	37.5	2952	3796	1302	2222
4*95	1.1	2.1	2.3	38.0	42.6	3970	4962	1693	2757
4*120	1.2	2.3	2.4	40.9	46.4	4894	5913	2077	3363
4*150	1.4	2.4	2.6	46.0	51.6	5980	7170	2582	3878
4*185	1.6	2.6	2.7	52.5	57.8	7442	8802	3173	4618
4*240	1.7	2.8	3.0	59.4	64.6	9764	11289	4032	5782
4*300	1.8	3.0	3.1	66.2	71.6	12122	13856	4924	6735
4*400	2.0	3.3	3.4	73.8	80.3	15624	18407	6272	9313
4*500	2.2	3.5	3.7	89.3	90.6	19877	23264	7667	11062
4*630	2.4	3.8	4.0	99.6	106.3	25124	28895	9514	13293

YJV 0.6/1KV XLPE insulation Power Cable

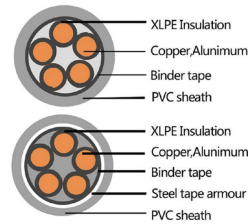
Five core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No. of cores	: Five-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV Five-core armoured and unarmoured power cables

No. Of cores× section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
5×4	0.7	1.8	1.8	14.0	16.6	337	494		
5×6	0.7	1.8	1.8	15.3	17.9	453	626		
5×10	0.7	1.8	1.8	18.9	21.4	692	908	391	607
5×16	0.7	1.8	1.8	21.6	24.2	997	1249	525	775
5×25	0.9	1.8	1.8	26.3	29.2	1522	1856	756	1087
5×35	0.9	1.8	1.9	29.5	32.7	2032	2430	949	1353
5×50	1.0	1.9	2.1	31.7	36.2	2644	3366	1288	1998
5×70	1.1	2.1	2.3	37.2	41.7	3668	4692	1716	2694
5×95	1.1	2.2	2.4	42.7	48.1	4927	6069	2198	3343
5×120	1.2	2.4	2.6	47.1	52.5	6161	7399	2795	3945
5×150	1.4	2.6	2.7	51.9	57.1	7571	8914	333	4679
5×185	1.6	2.7	2.9	58.9	64.2	9394	10906	4221	5636
5×240	1.7	3.0	3.2	66.6	71.8	12333	13944	5182	6897
5×300	1.8	3.2	3.4	72.9	79.4	15043	17782	6225	8970

YJV 0.6/1KV XLPE insulation Power Cable

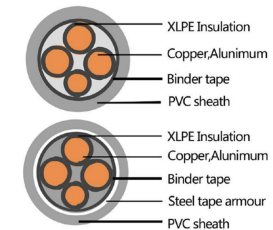
3+1 core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No. of cores	: 3+1-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV 3+1-core armoured and unarmoured power cables

No. Of cores× section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
3×4+1×2.5	0.7/0.7	1.8	1.8	12.7	15.2	258	399		
3×6+1×4	0.7/0.7	1.8	1.8	13.8	16.4	346	502		
3×10+1×6	0.7/0.7	1.8	1.8	16.5	19.1	521	709	305	493
3×16+1×10	0.7/0.7	1.8	1.8	19.2	21.7	761	981	417	637
3×25+1×16	0.9/0.7	1.8	1.8	22.9	25.4	1150	1417	596	860
3×35+1×16	0.9/0.7	1.8	1.8	25.0	27.5	1435	1729	699	988
3×50+1×25	1.0/0.9	1.8	1.9	26.4	29.5	1868	2223	839	1185
3×70+1×35	1.1/0.9	1.9	2.0	30.7	35.1	2592	3376	1125	1896
3×95+1×50	1.1/1.0	2.1	2.2	35.2	39.5	3513	4302	1475	2354
3×120+1×70	1.2/1.1	2.2	2.3	38.5	42.9	4456	5303	1832	2788
3×150+1×95	1.4/1.1	2.3	2.5	42.4	47.6	5304	6328	2196	3350
3×185+1×95	1.6/1.1	2.5	2.6	48.2	53.6	6613	7879	2729	4057
3×240+1×120	1.7/1.2	2.6	2.8	54.3	59.6	8570	9972	3471	4825
3×300+1×150	1.8/1.4	2.8	3.0	60.5	65.7	10569	12119	4270	5762
3×400+1×185	2.0/1.6	3.1	3.2	69.7	74.9	13648	15395	5282	6996
3×500+1×240	2.2/1.7	3.3	3.5	80.7	86.0	17267	19341	6745	8829
3×630+1×300	2.4/1.8	3.6	3.8	90.5	95.8	21754	24057	8248	10560

YJV 0.6/1KV XLPE insulation Power Cable

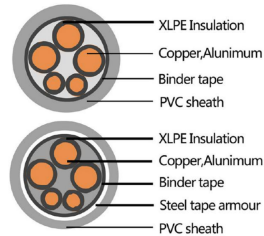
3+2 - core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No.of cores	: 3+2-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV 3+2-core armoured and unarmoured power cables

No. Of cores× section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
3×4+2×2.5	0.7/0.7	1.8	1.8	13.5	16.1	307	458		
3×6+2×4	0.7/0.7	1.8	1.8	14.8	17.4	407	574		
3×10+2×6	0.7/0.7	1.8	1.8	17.4	20.0	599	799	349	548
3×16+2×10	0.7/0.7	1.8	1.8	20.5	23.1	880	1117	476	712
3×25+2×16	0.9/0.7	1.8	1.8	24.4	27.1	1306	1602	658	950
3×35+2×16	0.9/0.7	1.8	1.8	26.3	29.2	1601	1936	770	1101
3×50+2×25	1.0/0.9	1.8	1.9	29.1	33.7	2158	2919	990	1742
3×70+2×35	1.1/0.9	2.0	2.1	33.7	38.2	2989	3866	1308	2171
3×95+2×50	1.1/1.0	2.1	2.3	38.7	43.2	4040	5049	1730	2722
3×120+2×70	1.2/1.1	2.3	2.4	43.4	48.9	5192	6273	2169	3382
3×150+2×70	1.4/1.1	2.4	2.5	46.2	51.7	6057	7190	2523	3805
3×185+2×95	1.6/1.1	2.5	2.7	52.5	58.1	7513	8919	3118	4597
3×240+2×120	1.7/1.2	2.7	2.9	59.1	64.6	9763	11324	3969	5478
3×300+2×150	1.8/1.4	2.9	3.1	65.8	71.2	12097	13812	4889	6540
3×400+2×185	2.0/1.6	3.2	3.4	73.2	78.6	15418	17329	6223	6049
3×500+2×240	2.2/1.7	3.5	3.7	85.6	90.7	19810	22044	7623	9872
3×630+2×300	2.4/1.8	3.7	4.0	94.9	100.0	24668	27148	9314	11807

YJV 0.6/1KV XLPE insulation Power Cable

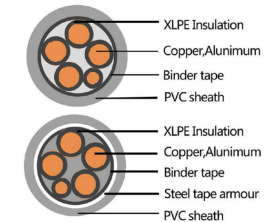
4+1 - core power cable

Application

It applies to electrical power transmission and distribution lines with AC rated voltage U_0/U up to and including 0.6/1kv. For outdoor and indoor installation in damp and wet locations, laid directly in the ground where excessive mechanical stresses are present in slop and moving terrains and in vertical or inclined laying, as well as in locations susceptible to sliding

SPECIFICATIONS

Type	: NYY N:XY STA
Standard	: IEC60502, BS6346, GB/T12706
Nominal voltage	: 0.6/1KV
No.of cores	: 4+1-core
Conductor	: Copper, Aluminum
Insulated Material	: XLPE
Sheath	: PVC



0.6/1KV 4+1-core armoured and unarmoured power cables

No. Of cores× section (mm ²)	Normal insulation thickness (mm)	Normal thickness of oversheath (mm)		Approximate over diameter of cable (mm)		Approximate weight of cable (kg/km)			
		Unarmoured	Armoured	Unarmoured	Armoured	Cu		AL	
						Unarmoured	Armoured	YJLV	YJLV22
4×4+1×2.5	0.7/0.7	1.8	1.8	13.7	16.3	323	477		
4×6+1×4	0.7/0.7	1.8	1.8	15.1	17.6	427	598		
4×10+1×6	0.7/0.7	1.8	1.8	18.2	20.7	652	860	404	612
4×16+1×10	0.7/0.7	1.8	1.8	21.1	23.6	934	1178	514	748
4×25+1×16	0.9/0.7	1.8	1.8	25.3	27.9	1410	1708	756	1051
4×35+1×16	0.9/0.7	1.8	1.9	27.8	30.5	1805	2146	915	1250
4×50+1×25	1.0/0.9	1.9	2.0	30.1	34.6	2358	3069	1128	1904
4×70+1×35	1.1/0.9	2.0	2.2	35.2	39.5	3317	4112	1526	2407
4×95+1×50	1.1/1.0	2.2	2.3	40.2	44.8	4467	5386	1976	2933
4×120+1×70	1.2/1.1	2.3	2.5	44.7	50.2	5658	6765	2453	3610
4×150+1×70	1.4/1.1	2.5	2.6	48.6	53.8	6728	7984	2973	4188
4×185+1×95	1.6/1.1	2.6	2.8	55.3	60.6	8407	9836	3696	5074
4×240+1×120	1.7/1.2	2.9	3.0	62.5	67.7	10988	12592	4707	6244
4×300+1×150	1.8/1.4	3.1	3.2	69.5	74.9	13656	15477	5789	7528
4×400+1×185	2.0/1.6	3.4	3.6	77.2	83.8	17389	20309	7297	10222
4×500+1×240	2.2/1.7	3.6	3.9	91.7	98.2	22542	25965	9214	12644
4×630+1×300	2.4/1.8	3.9	4.2	102.5	107.5	28083	31885	11276	15091

PVC INSULATED, PVC SHEATHED ARMoured AUXILIARY CABLES

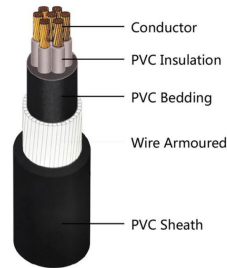
Application

Electric power and lighting including underground buria

PVC INSULATED, PVC SHEATHED ARMoured AUXILIARY CABLES

• SPECIFICATIONS

- Conductor** : Plain annealed copper
- Insulation** : General purpose PVC compound TI 1 70°C
- Colour of cores** : White with black numbering
- Assembly** : Insulated stranded together and the interstices may be filled with the sheathing compound or textile. A non-hygroscopic binder tape may be applied over the laid-up cores
- Bedding** : Black general purpose PVC compound
- Armour** : Galvanized steel wire
- Sheath** : Black general purpose PVC compound TM1 70°C
- Additive** : UV Resistant, Anti termite, Anti Rodent upon request



1.5mm² - CU/PVC/PVC/SWA/PVC 600/1000V

Number of core	Nominal sectional area	Number/wire diameter	Thickness of insulation	Thickness of bedding	Diameter of steel wire	Thickness of sheath	Approx. overall diameter	Approx. net weight
	mm ²	No./mm	mm	mm	mm	mm	mm	Kg/km
5	1.5	7/0.53	0.6	0.8	0.9	1.4	14.3	430
7	1.5	7/0.53	0.6	0.8	0.9	1.4	15.2	500
10	1.5	7/0.53	0.6	0.8	1.25	1.5	19.0	780
12	1.5	7/0.53	0.6	0.8	1.25	1.5	19.5	830
19	1.5	7/0.53	0.6	0.8	1.25	1.6	22.3	1090
27	1.5	7/0.53	0.6	1.0	1.6	1.7	26.9	1600
37	1.5	7/0.53	0.6	1.0	1.6	1.8	29.5	1940
48	1.5	7/0.53	0.6	1.0	1.6	1.9	32.9	2360

2.5mm² - CU/PVC/PVC/SWA/PVC 600/1000V

Number of core	Nominal sectional area	Number/wire diameter	Thickness of insulation	Thickness of bedding	Diameter of steel wire	Thickness of sheath	Approx. overall diameter	Approx. net weight
	mm ²	No./mm	mm	mm	mm	mm	mm	Kg/km
5	2.5	7/0.67	0.7	0.8	0.9	1.5	16.4	550
7	2.5	7/0.67	0.7	0.8	1.25	1.5	18.1	750
10	2.5	7/0.67	0.7	0.8	1.25	1.6	21.8	1000
12	2.5	7/0.67	0.7	0.8	1.25	1.6	22.4	1080
19	2.5	7/0.67	0.7	1.0	1.6	1.7	26.7	1640
27	2.5	7/0.67	0.7	1.0	1.6	1.8	30.9	2110
37	2.5	7/0.67	0.7	1.0	1.6	1.9	34.1	2600
48	2.5	7/0.67	0.7	1.2	2.0	2.1	39.8	3520

4mm² - CU/PVC/PVC/SWA/PVC 600/1000V

Number of core	Nominal sectional area	Number/wire diameter	Thickness of insulation	Thickness of bedding	Diameter of steel wire	Thickness of sheath	Approx. overall diameter	Approx. net weight
	mm ²	No./mm	mm	mm	mm	mm	mm	Kg/km
5	4	7/0.85	0.8	0.8	1.25	1.5	19.1	820
7	4	7/0.85	0.8	0.8	1.25	1.6	20.6	970
10	4	7/0.85	0.8	1.0	1.6	1.7	26.1	1500
12	4	7/0.85	0.8	1.0	1.6	1.7	26.8	1630
19	4	7/0.85	0.8	1.0	1.6	1.8	30.6	2170
27	4	7/0.85	0.8	1.2	2.0	2.0	37.2	3170
37	4	7/0.85	0.8	1.2	2.0	2.1	41.0	3910
48	4	7/0.85	0.8	1.2	2.0	2.2	46.1	4790

XLPE INSULATED,PVC SHEATHED ARMOURED CABLES

Application

Electric power and lighting including underground buria

• SPECIFICATIONS

Conductor : Plain circular, compacted or shaped stranded copper

Insulation : XLPE (Cross Link Polyethylene) 90°C

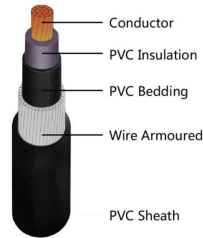
Colour of cores : Single core-Red or Black
2 cores-Red and Black
3 cores-Red, Yellow and Blue
4 cores-Red, Yellow, Blue and Black

Assembly : (i) Single core
(ii) 2,3 or 4 cores
-Two, three and four insulated stranded together and the interstices may be filled with the sheathing compound or textile. A non-hygroscopic binder tape may be applied over the laid-up cores

Armour : Single core - Aluminium wire
2, 3 or 4 cores - Galvanized steel wire

Sheath : PVC type ST-2 to IEC60502, Black

Additive : UV Resistant, Anti Termite, Anti Rodent upon request



SINGLE CORE - CU/XLPE/PVC/AWA/PVC 600/1000V

Number of sectional area	Number/wire diameter	Thickness of insulation	Diameter of aluminium wire	Thickness of sheath	Approx. overall diameter	Approx.net weight
mm ²	No./mm	mm	mm	mm	mm	Kg/km
50	19/1.78	1.0	1.25	1.8	19.5	765
70	19/2.14	1.1	1.25	1.8	21.0	980
95	19/2.52	1.1	1.6	1.8	22.5	1260
120	37/2.03	1.2	1.6	1.8	24.0	1600
150	37/2.25	1.4	1.6	1.8	26.5	1900
185	37/2.52	1.6	1.6	1.8	28.5	2350
240	61/2.25	1.7	1.6	1.9	32.5	2990
300	61/2.52	1.8	1.6	1.9	36.0	3750
400	61/2.85	2.0	2.0	2.1	40.0	4780
500	61/3.20	2.2	2.0	2.2	44.5	5900
630	127/2.52	2.4	2.0	2.3	48.5	7400

TWO CORE - CU/XLPE/PVC/AWA/PVC 600/1000V

Number of sectional area	Number/wire diameter	Thickness of insulation	Diameter of aluminium wire	Thickness of sheath	Approx. overall diameter	Approx.net weight
mm ²	No./mm	mm	mm	mm	mm	Kg/km
16	7/1.70	0.7	1.25	1.8	21.0	860
25	7/2.14	0.9	1.6	1.8	23.0	1270
35	19/1.53	0.9	1.6	1.8	24.6	1500
50	19/1.78	1.0	1.6	1.8	27.2	1840
70	19/2.14	1.1	1.6	2.0	30.0	2450
95	19/2.52	1.1	2.0	2.1	34.0	3310
120	37/2.03	1.2	2.0	2.2	37.5	4000
150	37/2.25	1.4	2.0	2.3	40.5	4650
185	37/2.52	1.6	2.5	2.5	45.5	6100
240	61/2.25	1.7	2.5	2.7	51.0	7600
300	61/2.52	1.8	2.5	2.8	55.0	9100
400	61/2.85	2.0	2.5	3.1	61.0	11300

THREE CORE - CU/XLPE/PVC/AWA/PVC 600/1000V

Number of sectional area	Number/wire diameter	Thickness of insulation	Diameter of aluminium wire	Thickness of sheath	Approx. overall diameter	Approx.net weight
mm ²	No./mm	mm	mm	mm	mm	Kg/km
16	7/1.70	0.7	1.25	1.8	22.0	1050
25	7/2.14	0.9	1.6	1.8	25.0	1650
35	19/1.53	0.9	1.6	1.8	27.0	2000
50	19/1.78	1.0	1.6	1.9	30.5	2500
70	19/2.14	1.1	1.6	2.0	35.0	3540
95	19/2.52	1.1	2.0	2.2	39.0	4550
120	37/2.03	1.2	2.0	2.3	42.7	5500
150	37/2.25	1.4	2.0	2.5	47.5	6950
185	37/2.52	1.6	2.5	2.6	52.5	8100
240	61/2.25	1.7	2.5	2.8	58.0	10480
300	61/2.52	1.8	2.5	3.0	63.0	12600
400	61/2.85	2.0	2.5	3.2	70.5	16300

FOUR CORE - CU/XLPE/PVC/AWA/PVC 600/1000V

Number of sectional area	Number/wire diameter	Thickness of insulation	Diameter of aluminium wire	Thickness of sheath	Approx. overall diameter	Approx.net weight
mm ²	No./mm	mm	mm	mm	mm	Kg/km
16	7/1.70	0.7	1.6	1.8	25.3	1530
25	7/2.14	0.9	1.6	1.8	28.0	2100
35	19/1.53	0.9	1.6	1.9	30.0	2500
50	19/1.78	1.0	1.6	2.0	33.7	3400
70	19/2.14	1.1	2.0	2.2	39.0	4550
95	19/2.52	1.1	2.0	2.3	43.7	5800
120	37/2.03	1.2	2.5	2.5	49.0	7250
150	37/2.25	1.4	2.5	2.6	53.5	8950
185	37/2.52	1.6	2.5	2.8	58.5	10850
240	61/2.25	1.7	2.5	3.0	65.0	13800
300	61/2.52	1.8	2.5	3.2	71.0	16600
400	61/2.85	2.0	3.15	3.5	80.5	21800

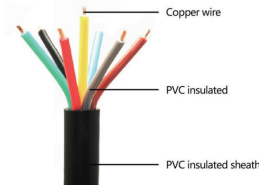
PVC insulated and sheathed control cables with copper conductor

Application

It is used as power and connecting cables in mechanical engineering for tooling machinery, control unit, production lines, transportation equipment, conveyor and assembly lines as well as in plant construction

SPECIFICATIONS

Type	: KVV
Standard	: IEC 60227, BS6500, VDE0250, GB/T9330
Nominal voltage	: 450/750V
No. of cores	: 2-61 core
Conductor	: copper
Insulated Material	: PVC
Out sheath	: PVC



450/750V PVC insulated and sheathed control cables with copper conductor

No. of cores x cross section (mm ²)	Conductor type	Insulation thickness (mm)	Reference diameter (mm)	Reference weight (kg/km)
2x0.5	1	0.6	7.3	53
2x0.75	1	0.6	8.1	61
2x1.0	1	0.6	8.5	69
2x1.5	1	0.7	9.5	88
2x2.5	1	0.8	10.9	121
2x4	1	0.8	11.9	161
2x6	1	0.8	13.1	214
2x10	2	0.8	17.3	391
3x0.5	1	0.6	7.6	62
3x0.75	1	0.6	8.5	73
3x1.0	1	0.6	8.9	84
3x1.5	1	0.7	10	109
3x2.5	1	0.8	11.5	153
3x4	1	0.8	12.7	208
3x6	1	0.8	13.9	296
3x10	2	1.0	18.4	512
4x0.5	1	0.6	8.1	73
4x0.75	1	0.6	9.2	87
4x1.0	1	0.6	9.6	101
4x1.5	1	0.7	10.9	133
4x2.5	1	0.8	12.5	188
4x4	1	0.8	13.8	260
4x6	1	0.8	15.9	371
4x10	2	1.0	20.1	644
5x0.5	1	0.6	8.7	83
5x0.75	1	0.6	9.9	99
5x1.0	1	0.6	10.3	115
5x1.5	1	0.7	11.7	153
5x2.5	1	0.8	13.6	219
5x4	1	0.8	14.3	324
5x6	1	0.8	15.7	425
5x10	2	1.0	22	830
7x0.5	1	0.6	0.6	11
7x0.75	1	0.6	10.6	123

No. of cores x cross section (mm ²)	Conductor type	Insulation thickness (mm)	Reference diameter (mm)	Reference weight (kg/km)
7x1.0	1	0.6	11.1	145
7x1.5	1	0.7	12.7	195
7x1.5	2	0.7	13.1	229
7x2.5	1	0.8	15.5	282
7x4	1	0.8	17.1	420
7x6	1	0.8	18.8	569
7x10	2	1.0	24.5	1082
8x0.5	1	0.6	9.9	113
8x0.75	1	0.6	11.7	138
8x1.0	1	0.6	12.3	162
8x1.5	1	0.7	14.1	219
8x2.5	1	0.8	17.7	339
8x4	1	0.8	19	475
8x6	1	0.8	21	692
8x10	2	1.0	27.5	1168
10x0.5	1	0.6	11.3	141
10x0.75	1	0.6	13.1	173
10x1.0	1	0.6	13.8	221
10x1.5	1	0.7	16.6	310
10x2.5	1	0.8	19.4	444
10x4	1	0.8	21.5	722
10x6	1	0.8	24.2	956
10x10	2	1.0	31.2	1523
12x0.5	1	0.6	11.6	155
12x0.75	1	0.6	13.5	192
12x1.0	1	0.6	14.2	245
12x1.5	1	0.7	17.1	345
12x2.5	1	0.8	20	498
12x4	1	0.8	22.6	825
12x6	1	0.8	25	1102
12x10	1	1.0	12.7	191
14x0.75	1	0.6	14.1	234
14x1.0	1	0.6	15.6	277
14x1.5	1	0.7	17.9	376
14x2.5	1	0.8	21	547
14x4	1	0.8	23.7	929
14x6	1	0.8	26.3	1246

PVC insulated and sheathed control cables with copper conductor

450/750V PVC insulated and sheathed control cables with copper conductor

No. of cores x cross section (mm ²)	Conductor type	Insulation thickness (mm)	Reference diameter (mm)	Reference weight (kg/km)
16x0.5	1	0.6	21	211
16x0.75	1	0.6	23.7	260
16x1.0	1	0.6	26.3	309
16x1.5	1	0.7	33.3	420
16x2.5	1	0.8	35.5	618
19x0.5	1	0.6	16.4	240
19x0.75	1	0.6	18.8	298
19x1.0	1	0.6	22.1	354
19x1.5	1	0.7	33.9	485
19x2.5	1	0.8	36.3	867
24x0.5	1	0.6	17.2	297
24x0.75	1	0.6	19.8	369
24x1.0	1	0.6	23.7	440
24x1.5	1	0.7	30	631
24x2.5	1	0.8	33.8	944
27x1.0	1	0.6	20.2	483
27x1.5	1	0.7	23.9	694
27x2.5	1	0.8	28.2	1042
30x0.5	1	0.6	16.7	352
30x0.75	1	0.6	19.8	440
30x1.0	1	0.6	19.2	545
30x1.5	1	0.7	22.1	759
30x2.5	1	0.8	26	1145

No. of cores x cross section (mm ²)	Conductor type	Insulation thickness (mm)	Reference diameter (mm)	Reference weight (kg/km)
37x0.5	1	0.6	18.3	433
37x0.75	1	0.6	19.5	543
37x1.0	1	0.6	23	652
37x1.5	1	0.7	26.6	912
37x2.5	1	0.8	31.5	1383
44x0.5	1	0.6	20.3	507
44x0.75	1	0.6	24.2	636
44x1.0	1	0.6	25.6	765
44x1.5	1	0.7	29.8	1075
44x2.5	1	0.8	36.1	1674
48x0.5	1	0.6	20.6	542
48x0.75	1	0.6	24.6	682
48x1.0	1	0.6	26	823
48x1.5	1	0.7	30.3	1159
48x2.5	1	0.8	36.7	1807
52x0.5	1	0.6	21.1	580
52x0.75	1	0.6	25.3	731
52x1.0	1	0.6	26.7	882
52x1.5	1	0.7	31.1	1245
52x2.5	1	0.8	37.7	1942
61x0.5	1	0.6	22.3	663
61x0.75	1	0.6	26.5	840
61x1.0	1	0.6	28	1016
61x1.5	1	0.7	32.7	1439
61x2.5	1	0.8	40	2250

PVC insulated and sheathed, steel tape-armoured control cables with copper conductor

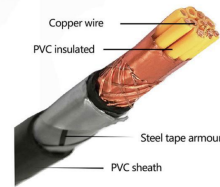
Application

It is used as power and connecting cables in mechanical engineering for tooling machinery, control unit, production lines, transportation equipment, conveyor and assembly lines as well as in plant construction

PVC insulated and sheathed control cables with copper conductor

• SPECIFICATIONS

Type : KVV₂₂
Standard : IEC 60227, BS6500, VDE0250, GB/T9330
Nominal voltage : 450/750V
No. of cores : 2~61 core
Conductor : copper
Insulated Material : PVC
Armour : Steel tape armour
Out sheath : PVC



450/750V PVC insulated and sheathed, steel tape-armoured control cables with copper conductor

450/750V PVC insulated and sheathed, steel tape-armoured control cables with copper conductor

No. of cores x cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
2x0.5	1	0.6	8.3	106
2x0.75	1	0.6	8.6	118
2x1.0	1	0.6	8.9	128
2x1.5	1	0.7	9.8	157
2x2.5	1	0.8	11	204
2x4	1	0.8	12	252
2x6	1	0.8	13	317
3x0.5	1	0.6	8.6	118
3x0.75	1	0.6	9	133
3x1.0	1	0.6	9.3	146
3x1.5	1	0.7	10.3	182
3x2.5	1	0.8	11.6	241
3x4	1	0.8	12.6	306
3x6	1	0.8	14.1	395
4x0.5	1	0.6	9.5	140
4x0.75	1	0.6	9.9	158
4x1.0	1	0.6	10.3	175
4x1.5	1	0.7	14.4	219
4x2.5	1	0.8	16.1	293
4x4	1	0.8	17.4	375
4x6	1	0.8	18.8	481
5x0.5	1	0.6	10.1	155
5x0.75	1	0.6	10.5	176
5x1.0	1	0.6	11	197
5x1.5	1	0.7	15.3	248
5x2.5	1	0.8	17.7	334
5x4	1	0.8	18.6	452
5x6	1	0.8	20.2	558
5x10	2	1.0	25.4	1126
7x0.5	1	0.6	10.7	179
7x0.75	1	0.6	14.2	207
7x1.0	1	0.6	14.7	233

No. of cores x cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
7x1.5	1	0.7	16.3	299
7x2.5	1	0.8	18.4	410
7x4	1	0.8	20	540
7x6	1	0.8	21.7	721
7x10	2	1.0	27.4	1397
8x0.5	1	0.6	11.3	197
8x0.75	1	0.6	15.3	238
8x1.0	1	0.6	15.9	257
8x1.5	1	0.7	17.7	352
8x2.5	1	0.8	20.1	457
8x4	1	0.8	21.9	605
8x6	1	0.8	24.4	810
8x10	2	1.0	30.4	1543
10x0.5	1	0.6	12.8	239
10x0.75	1	0.6	16.7	278
10x1.0	1	0.6	17.4	315
10x1.5	1	0.7	19.5	410
10x2.5	1	0.8	22.7	586
10x4	1	0.8	24.8	957
10x6	1	0.8	27.1	1203
10x10	2	1.0	35.3	1709
12x0.5	1	0.6	13	256
12x0.75	1	0.6	17.1	301
12x1.0	1	0.6	17.8	343
12x1.5	1	0.7	20	449
12x2.5	1	0.8	23.4	647
12x4	1	0.8	25.5	1062
12x6	1	0.8	27.9	1357
14x0.5	1	0.6	13.5	281
14x0.75	1	0.6	17.7	331
14x1.0	1	0.6	18.5	380
14x1.5	1	0.7	20.8	501
14x2.5	1	0.8	24.3	725
14x4	1	0.8	26.6	1172
14x6	1	0.8	29.2	1510

No. of cores x cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
16x0.5	1	0.6	14.1	363
16x0.75	1	0.6	18.5	417
16x1.0	1	0.6	19.3	553
16x1.5	1	0.7	21.7	805
16x2.5	1	0.8	25.5	340
19x0.5	1	0.6	14.7	406
19x0.75	1	0.6	19.2	406
19x1.0	1	0.6	20.1	469
19x1.5	1	0.7	23.1	626
19x2.5	1	0.8	26.6	918
24x0.5	1	0.6	16.4	409
24x0.75	1	0.6	21.7	491
24x1.0	1	0.6	23.2	571
24x1.5	1	0.7	26.3	787
24x2.5	1	0.8	31	1131
27x0.5	1	0.6	16.6	436
27x0.75	1	0.6	22.5	526
27x1.0	1	0.6	23.6	615
27x1.5	1	0.7	26.8	850
27x2.5	1	0.8	31.6	1232
30x0.5	1	0.6	17.1	469
30x0.75	1	0.6	23.2	568
30x1.0	1	0.6	24.3	683
30x1.5	1	0.7	27.6	923
30x2.5	1	0.8	32.6	1343

No. of cores x cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
37x0.5	1	0.6	18.3	545
37x0.75	1	0.6	24.7	665
37x1.0	1	0.6	25.9	801
37x1.5	1	0.7	29.5	1091
37x2.5	1	0.8	35.6	1600
44x0.5	1	0.6	20.7	651
44x0.75	1	0.6	27.1	794
44x1.0	1	0.6	28.5	936
44x1.5	1	0.7	33.9	1278
44x2.5	1	0.8	39.9	1922
48x0.5	1	0.6	21	689
48x0.75	1	0.6	27.5	844
48x1.0	1	0.6	28.9	996
48x1.5	1	0.7	34.4	1366
48x2.5	1	0.8	40.5	2059
52x0.5	1	0.6	21.5	731
52x0.75	1	0.6	28.2	898
52x1.0	1	0.6	29.6	1062
52x1.5	1	0.7	35.2	1459
52x2.5	1	0.8	42.9	2204
61x0.5	1	0.6	22.7	824
61x0.75	1	0.6	29.6	1018
61x1.0	1	0.6	31.7	1208
61x1.5	1	0.7	37.1	1706
61x2.5	1	0.8	45.2	2559

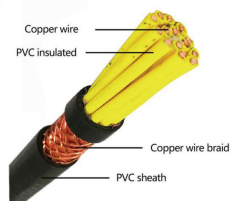
Copper core PVC insulated, PVC sheathed aluminum foil shielded control cable

Application

It is used as power and connecting cables in mechanical engineering for tooling machinery, control unit, production lines, transportation equipment, conveyor and assembly lines as well as in plant construction

SPECIFICATIONS

- Type : KVVP
- Standard : IEC 60227, BS6500, VDE0250, GB/T9330
- Nominal voltage : 450/750V
- No. of cores : 2-61 core
- Conductor : copper
- Insulated Material : PVC
- Out sheath : PVC



450/750V Copper core PVC insulated, PVC sheathed aluminum foil shielded control cable.

No. of cores × cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
2×0.5	1	0.6	7.9	72
2×0.75	1	0.6	9.3	81
2×1.0	1	0.6	9.7	90
2×1.5	1	0.7	10.7	113
2×2.5	1	0.8	12.1	153
2×4	1	0.8	13.2	210
2×6	1	0.8	14.3	269
2×10	2	1.0	18.8	502
3×0.5	1	0.6	8.2	82
3×0.75	1	0.6	9.7	94
3×1.0	1	0.6	10.1	106
3×1.5	1	0.7	11.2	135
3×2.5	1	0.8	12.7	186
3×4	1	0.8	13.9	261
3×6	1	0.8	15.8	339
3×10	2	1.0	19.9	633
4×0.5	1	0.6	8.7	95
4×0.75	1	0.6	10.4	110
4×1.0	1	0.6	10.8	125
4×1.5	1	0.7	12.1	162
4×2.5	1	0.8	13.8	242
4×4	1	0.8	15.7	319
4×6	1	0.8	17.4	416
4×10	2	1.0	21.6	768
5×0.5	1	0.6	9.3	106
5×0.75	1	0.6	11.1	124
5×1.0	1	0.6	11.6	142
5×1.5	1	0.7	13	201
5×2.5	1	0.8	15.5	279
5×4	1	0.8	17.2	371
5×6	1	0.8	18.8	490
5×10	2	1.0	24	987
7×0.5	1	0.6	9.9	127
7×0.75	1	0.6	11.8	150
7×1.0	1	0.6	12.4	174
7×1.5	1	0.7	13.9	248
7×2.5	1	0.8	17	350
7×4	1	0.8	18.6	473
7×6	1	0.8	20.3	648
7×10	2	1.0	26	1216
8×0.5	1	0.6	10.5	140

No. of cores × cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
8×0.75	1	0.6	13	167
8×1.0	1	0.6	13.6	209
8×1.5	1	0.7	16.3	276
8×2.5	1	0.8	18.7	392
8×4	1	0.8	20.5	548
8×6	1	0.8	23	731
8×10	2	1.0	29.3	1387
10×0.5	1	0.6	12.5	169
10×0.75	1	0.6	14.3	224
10×1.0	1	0.6	15.7	259
10×1.5	1	0.7	18.1	344
10×2.5	1	0.8	20.9	509
10×4	1	0.8	23.4	664
10×6	1	0.8	25.8	1108
10×10	2	1.0	33.7	1649
12×0.5	1	0.6	12.8	205
12×0.75	1	0.6	15.4	245
12×1.0	1	0.6	16.4	285
12×1.5	1	0.7	18.6	382
12×2.5	1	0.8	21.5	567
12×4	1	0.8	24.1	771
12×6	1	0.8	26.6	1276
14×0.5	1	0.6	13.3	227
14×0.75	1	0.6	16.3	273
14×1.0	1	0.6	17.1	319
14×1.5	1	0.7	19.4	430
14×2.5	1	0.8	22.9	642
14×4	1	0.8	25.2	1078
14×6	1	0.8	27.8	1300
15×0.5	1	0.6	13.9	249
15×0.75	1	0.6	17.1	301
16×1.0	1	0.6	17.9	353
15×1.5	1	0.7	20.3	494
15×2.5	1	0.8	24.1	744
19×0.5	1	0.6	14.5	280
19×0.75	1	0.6	17.8	341
19×1.0	1	0.6	18.7	402
19×1.5	1	0.7	21.3	564
19×2.5	1	0.8	25.2	854
24×0.5	1	0.6	16.6	343
24×0.75	1	0.6	20.3	436
24×1.0	1	0.6	21.3	513
24×1.5	1	0.7	24.9	728
24×2.5	1	0.8	29.4	1060

Copper core PVC insulated, PVC sheathed aluminum foil shielded control cable

450/750V Copper core PVC insulated, PVC sheathed aluminum foil shielded control cable.

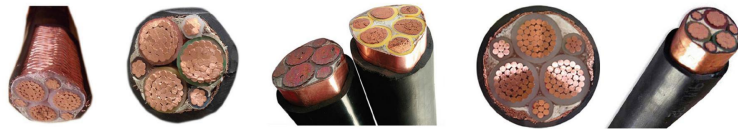
No. of cores × cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
27×0.5	1	0.6	16.8	370
27×0.75	1	0.6	20.7	455
27×1.0	1	0.6	21.7	556
27×1.5	1	0.7	25.4	762
27×2.5	1	0.8	30	1160
30×0.5	1	0.6	17.3	400
30×0.75	1	0.6	21.3	511
30×1.0	1	0.6	22.9	605
30×1.5	1	0.7	26.2	891
30×2.5	1	0.8	31	1269
37×0.5	1	0.6	18.9	486
37×0.75	1	0.6	23.3	602
37×1.0	1	0.6	24.5	745
37×1.5	1	0.7	28.1	1024
37×2.5	1	0.8	34	1519
44×0.5	1	0.6	21.5	594
44×0.75	1	0.6	25.7	733
44×1.0	1	0.6	27.1	870
44×1.5	1	0.7	27.7	1200
44×2.5	1	0.8	32.5	1788
48×0.5	1	0.6	21.8	631
48×0.75	1	0.6	25.2	782
48×1.0	1	0.6	25.5	930
48×1.5	1	0.7	28.1	1287
48×2.5	1	0.8	33	1923
52×0.5	1	0.6	22.3	671
52×0.75	1	0.6	23.8	834
52×1.0	1	0.6	25.1	993
52×1.5	1	0.7	28.9	1378
52×2.5	1	0.8	33.9	2064
61×0.5	1	0.6	23.5	761
61×0.75	1	0.6	25	949
61×1.0	1	0.6	26.5	1135
61×1.5	1	0.7	30.5	1581
61×2.5	1	0.8	36.3	2411

No. of cores × cross section(mm ²)	Conductor type	Insulation thickness(mm)	Reference diameter(mm)	Reference weight(kg/km)
48×0.5	1	0.6	21.8	631
48×0.75	1	0.6	23.2	782
48×1.0	1	0.6	25.5	930
48×1.5	1	0.7	28.1	1287
48×2.5	1	0.8	33	1923
52×0.5	1	0.6	22.3	671
52×0.75	1	0.6	23.8	834
52×1.0	1	0.6	25.1	993
52×1.5	1	0.7	28.9	1378
52×2.5	1	0.8	33.9	2064
61×0.5	1	0.6	23.5	761
61×0.75	1	0.6	25	949
61×1.0	1	0.6	26.5	1135
61×1.5	1	0.7	30.5	1581
61×2.5	1	0.8	36.3	2411

Frequency conversion cable special loop cable for frequency converter

Application

The special cable of frequency converter is used as power supply cable or connecting cable in frequency control transmission system. The cables of the system are particularly suitable for water pumps, blowers, conveyors, transmission line and air conditioners used in the papermaking, steel textile, metal processing and food processing industries.



• MAIN PRODUCT

BPVVP PVC insulated and sheathed copper wire braided shielded frequency conversion power cable

BPVVP₂₂ Polyvinyl chloride insulated and sheathed copper tape wrapped frequency conversion power cable

BPYJVP Cross-linked polyethylene insulated PVC sheathed copper wire braided shielded frequency conversion power cable

BPYJVP₂ Cross-linked polyethylene insulated, PVC sheathed, copper tape wrapped and shielded frequency conversion power cable

• SPECIFICATIONS

3×1.5+3×0.25; 3×2.5+3×0.5; 3×4+3×0.75; 3×6+3×1; 3×10+3×1.5; 3×16+3×2.5; 3×25+3×4; 3×35+3×6; 3×50+3×10; 3×70+3×10; 3×95+3×16; 3×120+3×25; 3×150+3×35; 3×185+3×35; 3×240+3×50(mm².)

• OPERATING CHARACTERISTIC

- I. Lower effective capacitance
- II. Low transmission impedance
- III. Rated voltage: 0.6/1kv
- IV. Temperature resistance: 90°C
- V. It has good fire resistance and can be used in dangerous area

The cable contains a shielding layer to prevent electromagnetic interference. Transmission impedance RX is an effective measure of shielding impedance induction and capacitance bunching. Low transmission impedance provides good electromagnetic compatibility. Symmetrical three-core design, better electromagnetic compatibility. Three weather-resistant and temperature-resistant resin insulated wire cores are evenly spaced in the cracks to form a true cored structure.

SUBMERSIBLE PUMP CABLE (ROUND)

Application

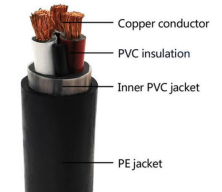
Used to connect electrical circuits of underground pump rated at 600 volts maximum circuit voltage rating and 75°C maximum conductor thermal rating

• SPECIFICATIONS

CONDUCTOR : Three soft drawn bunched/ropelay copper conductors\ Available sizes are listed on the next page

INSULATION : Individual conductor is color-coded extruded with Polyvinyl Chloride(PVC) Lead Free. This Thermoplastic is flame retardant and resistant to heat, moisture and oil

JACKET : Assembled multi-conductor cable is extruded with Polyvinyl Chloride(PVC) Lead Free and then with Black Polyethylene (PE) for final protective covering



SUBMERSIBLE PUMP CABLE (ROUND), 600 VOLTS, 75°C 3 Conductors, Flexible Bunched/Ropelay Copper

Size of conductor		No. & Nominal Diameter of Wire	PVC Insulation Thickness	PE Jacket Thickness	Approximate Overall Diameter	Nominal Weight
MM	Approximate AWG		MM	MM	MM	MM
0.75mm ²	18	30x0.18mm	1.20	1.60	12.36	161.83
1.25mm ²	16	50x0.18mm	1.20	1.60	13.22	195.21
2.00mm ²	14	37x0.26mm	1.20	1.60	13.87	229.28
3.50mm ²	12	45x0.32mm	1.20	1.60	15.38	311.28
5.50mm ²	10	70x0.32mm	1.20	1.60	16.68	399.55
8.00mm ²	8	7x14x0.32mm	1.60	2.00	22.18	603.97
14.00mm ²	6	7x25x0.32mm	1.60	2.00	25.21	865.69
22.00mm ²	4	7x39x0.32mm	1.60	2.00	28.23	1179.65
30.00mm ²	2	7x53x0.32mm	1.60	2.00	30.61	1477.37
38.00mm ²	1	19x25x0.32mm	2.00	2.00	34.50	1899.96
50.00mm ²	1/0	19x33x0.32mm	2.00	2.00	37.30	2352.93
60.00mm ²	2/0	19x39x0.32mm	2.00	2.00	39.90	2713.35
80.00mm ²	3/0	19x53x0.32mm	2.00	2.80	45.17	3574.58
100.00mm ²	4/0	37x34x0.32mm	2.00	2.80	49.27	4330.96
125.00mm ²	250MCM	37x42x0.32mm	2.40	2.80	54.46	5336.55
150.00mm ²	300MCM	37x51x0.32mm	2.40	2.80	57.70	6266.27
200.00mm ²	400MCM	61x41x0.32mm	2.40	2.80	63.96	8008.22
250.00mm ²	500MCM	61x51x0.32mm	2.40	3.60	70.96	9874.79

Contact sales department for standard length.

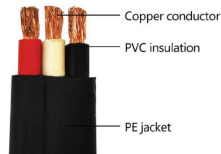
SUBMERSIBLE PUMP CABLE (FLAT)

Application

Used to connect electrical circuits of underground pump rated at 600 volts maximum circuit voltage rating and 75°C maximum conductor thermal rating

• SPECIFICATIONS

- CONDUCTOR** : Three soft drawn bunched/ropelay copper conductors\ Available sizes are listed on the next page
- INSULATION** : Individual conductor is color-coded extruded with Polyvinyl Chloride(PVC) Lead Free. This Thermoplastic is flame retardant and resistant to heat, moisture and oil
- JACKET** : Black polyethylene (PE) for final protective covering



SUBMERSIBLE PUMP CABLE (FLAT), 600 VOLTS, 75°C 3 Conductors, Flexible Bunched/Ropelay Copper

Size of conductor		No. & Nominal Diameter of Wire	PVC Insulation Thickness (PVC75°C)	Jacket Thickness (LDPE 75°C)		PE Jacket Thickness Approximate Overall Diameter		Cable Weight
				Min. Ave.	Min. at Any point	Major	Minor	
MM	Approximate AWG		MM	MM	MM	MM	MM	MM
3.50mm ²	12	45x0.32mm	1.20	1.52	1.21	17.74	7.94	227.17
5.50mm ²	10	70x0.32mm	1.20	1.52	1.21	19.54	8.54	305.11
8.00mm ²	8	7x14x0.32mm	1.60	2.03	1.62	26.26	11.46	487.03
14.00mm ²	6	7x25x0.32mm	1.60	2.03	1.62	30.46	12.86	718.54
22.00mm ²	4	7x39x0.32mm	1.60	2.03	1.62	34.66	14.26	1000.58
30.00mm ²	2	7x53x0.32mm	1.60	2.03	1.62	37.96	15.36	1270.58

Contact sales department for standard length.

CCTV Coaxial Cable

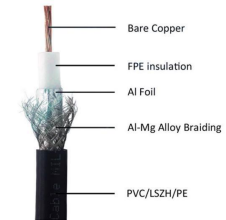
RG59

Application

Broadcasting field, computer field, monitoring installation, indoor broadband network connection, TV system, ordinary antenna TV system for branch line, etc

• SPECIFICATIONS

- Type** : SYVW75-5 Coaxial Cable RG59
- Standard** : GB/T14864-93
- Nominal voltage** : 300V
- Dielectric** : Foam PE
- Inner Conductor** : Bare Copper
- Outer Conductor** : Bonded Aluminum Foil and Aluminum Braid
- Jacket** : PVC/LSZH/PE
- Color** : Red Blue Green Black or customized



SYVW75-5 Coaxial Cable RG59

Attenuation	Frequency		Maximum(dB/100m)
	5	MHz	2.70
	50	MHz	6.30
	100	MHz	9.30
	200%	MHz	12.0
	550	MHz	20.0
	800	MHz	25.0
	1000	MHz	27.80
Impedance(Ω)			75±3
Capacitance(pF/m)			52.5
Velocity Rate(%)			85
Shielding Effectiveness(>dB)			70
Max. Oper Volage (VMS)			3000
Operating Temp. Range(°C)			-20-80
Min Return Loss(dB)	1-100MHz		22
	1000-2150MHz		20

CCTV Coaxial Cable

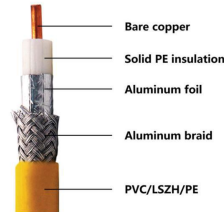
RG6

Application

Broadcasting field, computer field, monitoring installation, indoor broadband network connection, TV system, ordinary antenna TV system for branch line, etc

SPECIFICATIONS

- Type : SYVW75-5 Coaxial Cable RG6
- Standard : GB/T14864-93
- Nominal voltage : 300V
- Dielectric : Foam PE
- Inner Conductor : Bare Copper
- Outer Conductor : Bonded Aluminum Foil and Aluminum Braid
- Jacket : PVC/LSZH/PE
- Color : Red Blue Green Black or customized



SYVW75-5 Coaxial Cable RG6

Attenuation	Frequency		Maximum(dB/100m)
	5	MHz	1.95
	50	MHz	4.79
	100	MHz	6.40
	200%	MHz	8.96
	550	MHz	15.85
	800	MHz	19.80
1000	MHz	21.50	
Impedance(Ω)			75±3
Capacitance(pF/m)			52.5
Velocity Rate(%)			85
Shielding Effectiveness(>dB)			90
Max. Oper Volage(VMS)			3000
Operating Temp. Range(°C)			-20-80
Min Return Loss(dB)	1-100MHz		22
	1000-2150MHz		20

CCTV Coaxial Cable

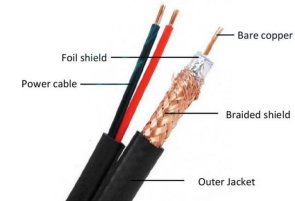
RG59+2C

Application

Broadcasting field, computer field, monitoring installation, indoor broadband network connection, TV system, ordinary antenna TV system for branch line, etc

SPECIFICATIONS

- Type : SYVW75-5 Coaxial Cable RG59+2C
- Standard : GB/T14864-93
- Nominal voltage : 300V
- Dielectric : Foam PE
- Inner Conductor : Bare Copper copper-clad aluminium
- Outer Conductor : copper-clad aluminium Braid
- Jacket : PVC/LSZH/PE
- Color : Red Blue Green Black or customized



SYVW75-5 Coaxial Cable RG59+2C

Dc Resistance max(Ω)	Bare Copper Conductor	2.6
	Copper-clad aluminium Conductor	3.80
Insulation Res.,min(70°C·MΩ·km)		0.01
Awithstanding voltage test(AC 2000V 5min)		No breakdown

	Impedance(Ω)	75±3	Attenuation	
			Frequency(MHz)	Maximum(dB/100m)
Capacitance(pF/m)	52.5	100.0	9.3	
Operating Temp. Range(°C)	-20-80	550.0	20.0	
Min Return Loss(dB)	1-100MHz	22.0	1000.0	27.8
	1000-2150MHz	20.0		

Lan cable Network Cable

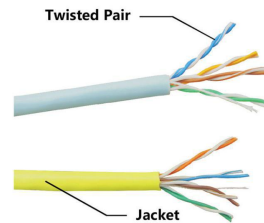
Cat5

Application

Intelligent installation , network monitoring , campus workshop , hotel office decoration , municipal network engineering , LAN wiring

• SPECIFICATIONS

Type	: U/UTP Cat 5/ Cat 5e
Standard	: ANS/TIA/EIA-568B/ISO/IEC11801
No.of cores	: 4 pair
Conductor Wire Gauge	: 24AWG
Conductor Material	: Bare Copper or Customizable
Insulation	: HDPE
Insulation Diameter	: 0.92±0.02
Jacket Material	: PVC/LSZH/PE
Jacket Color	: Customer request
Jacket Outer Diameter	: 5.2±0.2



U/UTP Cat 5/ Cat 5e(Indoor)

Nylon Rip cord	150D
Max.Capacitance unbalance(pF/100m)	≤330pF/100M(Per TIA/EIA-568B.2) ≤160pF/100(Per IEC 61156)
Nominal Velocity of Propagation	69%
Max.Delay Skew(ns/100m)	≤45ns/100m
Max.Conductor DC Resistance @20Deg.C	9.5Ω/100M (24AWG)
Max.DC Resistance unbalance @20 Deg.C	≤5% (per TIA/EIA-568B.2) ≤2% (per IEC 61156)
Characteristic Impedance(Ω) 4~100MHz	100±15
Operating Temp.Range	-20~70℃
Max.Recommended Pulling Tension	110N
Min.Bend Radius(Install)	8×O.D.
Flame Test	CM

Lan Cable Network Cable

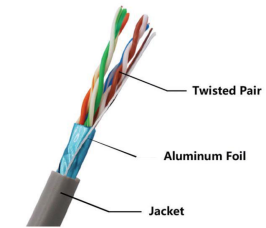
Cat5e

Application

Intelligent installation , network monitoring , campus workshop , hotel office decoration , municipal network engineering , LAN wiring

• SPECIFICATIONS

Type	: F/UTP Cat 5/ Cat 5e
Standard	: ANS/TIA/EIA-568B/ISO/IEC11801
No.of cores	: 4 pair
Conductor Wire Gauge	: 24AWG
Conductor Material	: Bare Copper or Customizable
Insulation	: HDPE
Insulation Diameter	: 1.02±0.02
Jacket Material	: PVC/LSZH/PE
Jacket Color	: Customer request
Jacket Outer Diameter	: 6.3±0.2



F/UTP Cat 5/ Cat 5e(Indoor)

Separation(Polyester Wrapping)	Tick:0.025mm,Extent:20mm
Cable Shield(Aluminum Foil)	Tick:0.060mm,Extent:20mm
ESD Drain Wire	0.4TC
Nylon Rip cord	150D
Max.Capacitance unbalance(pF/100m)	≤330pF/100M(Per TIA/EIA-568B.2) ≤160pF/100(Per IEC 61156)
Nominal Velocity of Propagation	69%
Max.Delay Skew(ns/100m)	≤45ns/100m
Max.Conductor DC Resistance @20Deg.C	9.5Ω/100M (24AWG)
Max.DC Resistance unbalance @20 Deg.C	≤5% (per TIA/EIA-568B.2) ≤2% (per IEC 61156)
Characteristic Impedance(Ω) 4~100MHz	100±15
Operating Temp.Range	-20~70℃
Max.Recommended Pulling Tension	110N
Min.Bend Radius(Install)	8×O.D.
Flame Test	CM

Lan cable Network Cable

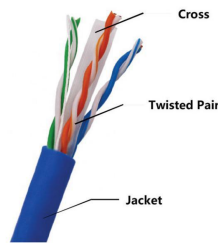
Cat6

Application

Intelligent installation , network monitoring , campus workshop , hotel office decoration , municipal network engineering , LAN wiring

• SPECIFICATIONS

Type	: U/UTP Cat 6/ Cat 6e
Standard	: ANS/TIA/EIA-568B/ISO/IEC11801
No.of cores	: 4 pair and one cross
Conductor Wire Gauge	: 23AWG
Conductor Material	: Bare Copper or Customizable
Insulation	: HDPE
Insulation Diameter	: 1.02±0.02
Jacket Material	: PVC/LSZH/PE
Jacket Color	: Customer request
Jacket Outer Diameter	: 6.3±0.2



F/UTP Cat 6/ Cat 6e(Indoor)

Anti-Crosstalk Divider	LDPE:4.5*0.3
Cable Shield(Aluminum Foil)	Tick:0.060mm,Extent:25mm
ESD Drain Wire	0.5TC
Nilon Rip cord	150D
Max.Capacitance unbalance(pF/100m)	≤330pF/100M(Per TIA/EIA-568B.2) ≤160pF/100(Per IEC 61156)
Nominal Velocity of Propagation	72%
Max.Delay Skew(ns/100m)	≤45ns/100m
Max.Conductor DC Resistance@20Deg.C	9.38Ω/100M (24AWG)
Max.DC Resistance unbalance @20 Deg.C	≤5% (per TIA/EIA-568B.2) ≤2% (per IEC 61156)
Characteristic Impedance(Ω) 4~100MHz	100±15
Operating Temp.Range	-20~70℃
Max.Recommended Pulling Tension	110N
Min.Bend Radius(Install)	8×O.D.
Flame Test	CM

Lan Cable Network Cable

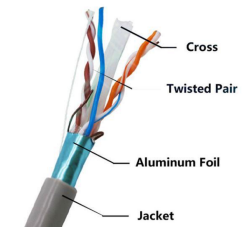
Cat6e

Application

Intelligent installation , network monitoring , campus workshop , hotel office decoration , municipal network engineering , LAN wiring

• SPECIFICATIONS

Type	: F/UTP Cat 6/ Cat 6e
Standard	: ANS/TIA/EIA-568B/ISO/IEC11801
No.of cores	: 4 pair and one cross
Conductor Wire Gauge	: 23AWG
Conductor Material	: Bare Copper or Customizable
Insulation	: HDPE
Insulation Diameter	: 1.1±0.02
Jacket Material	: PVC/LSZH/PE
Jacket Color	: Customer request
Jacket Outer Diameter	: 6.8±0.2



F/UTP Cat 6/ Cat 6e(Indoor)

Anti-Crosstalk Divider	LDPE:4.5*0.3
Cable Shield(Aluminum Foil)	Tick:0.060mm,Extent:25mm
ESD Drain Wire	0.5TC
Nilon Rip cord	150D
Max.Capacitance unbalance(pF/100m)	≤330pF/100M(Per TIA/EIA-568B.2) ≤160pF/100(Per IEC 61156)
Nominal Velocity of Propagation	72%
Max.Delay Skew(ns/100m)	≤45ns/100m
Max.Conductor DC Resistance@20Deg.C	9.38Ω/100M (24AWG)
Max.DC Resistance unbalance @20 Deg.C	≤5% (per TIA/EIA-568B.2) ≤2% (per IEC 61156)
Characteristic Impedance(Ω) 4~100MHz	100±15
Operating Temp.Range	-20~70℃
Max.Recommended Pulling Tension	110N
Min.Bend Radius(Install)	8×O.D.
Flame Test	CM