

# Universal Wires & Cables

## PRICE LIST (POWER CABLE)

Power Cable, Solid Aluminium conductor upto 10sq.mm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape innersheathed, Unarmoured/Armoured (Aluminium wire for single core cables upto 70sq.mm balance aluminium strip, Galvanized wire for cables upto 2x10sq.mm, 3c10sq.mm, 4x6sq.mm balance all galvanised steel strip, extruded PVC type ST2 sheathed, 650/1100V grade as per IS 7098(part-I) 1988

Rate Per KM

Area in Sq.mm.	Core (Unarmoured)					Core (armoured)				
	1	2	3	3.5	4	1	2	3	3.5	4
	A2XY					A2XWY/A2XFY				
2.5										
4		51100	61000		73000		101000	113300		130000
6		64700	77000		94000		119300	137000		161000
10		82000	104000		129000		144100	167200		201000
16	52000	114500	122000		151300	89000	193200	182000		217000
25	68000	135000	180000	218000	231300	117000	184000	230100	269600	294000
35	87000	170000	233000	273000	305000	140000	229000	293000	327000	369000
50	109000	217000	302000	360000	398000	170000	276000	365000	422000	472000
70	147000	297000	428000	495000	552500	218000	364200	498000	570000	644000
95	188000	395000	549000	647000	719000	240000	468200	622400	710000	812000
120	238000	476000	675000	794000	900000	282000	554100	755000	890000	992000
150	285000	574000	835000	980000	1125000	339000	683000	917000	1048000	1200000
185	350000	726000	1057000	1225000	1407000	408000	829100	1138000	1315000	1488000
240	445000	924000	1354000	1578000	1800000	505000	1024400	1419000	1650000	1867000
300	542000	1157000	1665000	1925000	2215000	616000	1245000	1728000	2010000	2304000
400	700000	1457000	2104000	2485000	2810000	783000	1590000	2206000	2531000	2911000
500	879000	1837000	2691000	3105000	3568000	975000	1980000	2793000	3250000	3668000
630	1120000	2338000	3409000	4017000	4442800	1225000	2475000	3538000	4175000	4725000
800	1425000					1575000				
1000	1800000					1945000				

### Extra for Special Construction (Power Cables)

1) Round Wire Armouring = 1C X 95 & above	25%
- 2C X 16 & above,	25%
= 3C X 16 & above	25%
= 3.5C X 25 & above	25%
= 4C X 10 & above,	25%
2) Stranding 10 Sq.mm. and below	10%
3) Extruded PVC Inner Sheath - upto 50	5%
- 70 & above	2.5%
4) HR PVC i) Insulation	
1) Insulation	2%
2) Inner Sheath	2%
3) Outer Sheath	2%
5) FR / Oxygen Index	2.5%
6) PVC Insulated Cable as per IS 1554	5%

Cable Type (Sq.mm)	Inner sheath FRLS	FRLS		LSZH	
		Outer Sheath		Inner sheath	Outer sheath
		Armd.	UnArmd		
<b>Power ( Al. )</b>					
Up to 16	10%	15%		15%	20%
25 to 50	7.5%	10%		12.5%	15%
70 & Abv	5%	7.5%		15%	12.5%
<b>Power Single Core ( Al. )</b>					
Up to 16	NA	20%		25%	
25 to 70	NA	15%		20%	
95 & Abv	NA	12.5%		17.5%	

This cancels all our previous Price - Lists

Rates are exclusive of C.Excise Duty & Sales Tax, Octroi & any other tax which shall be charged extra applicable and are subject to change without notice

**PRICE LIST (COPPER CABLE)**

Control Cable, Solid Copper conductor, XLPE Insulated, cores laid up, PVC tape innersheathed, Unarmoured/Armoured (Aluminium wire for

Rate Per /KM

NUMBER OF CORES	UNARMoured		ARMoured		NUMBER OF CORES	UNARMoured		ARMoured	
	2XY		2XWY/2XFY			2XY		2XWY/2XFY	
	1.5	2.5	1.5	2.5		1.5	2.5	1.5	2.5
2	79000	115000	120000	163000	14	390000	617000	468000	665000
3	106100	157000	149000	208000	16	450000	716000	492000	757000
4	133000	200000	183000	257000	19	521000	825000	571000	878000
5	158000	245000	208000	298000	24	671000	1052000	734000	1128000
6	191000	290000	242000	349000	27	742000	1180000	812000	1262000
7	212000	328000	265000	389000	30	817000	1307000	900000	1394000
8	238000	368000	295000	440000	37	998000	1603000	1086000	1694000
9	269000	413000	330000	474000	44	1190000	1898000	1276000	1996000
10	295000	460000	361000	497700	52	1398000	2232000	1493000	2334000
12	348000	537000	413000	583100	61	1642000	2607000	1735000	2713000

**PRICE LIST ( COPPER POWER CABLES ) 1.3.2010**

CROSS SECTION SQ.MM.	UNARMoured & ARMoured					
	2 CORE		3 CORE		4 CORE	
	2XY	2XWY/2XFY	2XY	2XWY/2XFY	2XY	2XWY/2XFY
4	168000	215000	227000	279000	293000	350000
6	233000	286000	325000	380000	420000	482000
10	375000	438000	530000	598000	700000	731000
16	541000	582000	781000	789000	1025000	1032000
CROSS SECTION SQ.MM.	3 CORE		3.5 CORE		4 CORE	
	2XFY		2XFY		2XFY	
	2XFY		2XFY		2XFY	
25	1231900		1477800		1624100	
35	1673000		1914100		2210000	
50	2345000		2729000		3113000	
70	3270000		3801000		4339000	
95	4500000		5300000			
120	5616000		6747000			
150	6860000		7878000			
185	8564000		9996000			
240	11254000		13107000			
300	14198000		16298000			
400	17986000		20786000			

**Extra for Special Construction (Control Cables)**

1) Extruded PVC inner sheath	2.50%
2) For stranding (upto 6 sq.mm.)	6%
3) For Tinning	3%
4) Round wire armoring :	
i) 1.5 sq.mm. 12 core above	15%
ii) 2.5 sq.mm. 9 core and above	15%
iii) 2 x 16, 3 x 16, 4 x 10, 4 x 16	15%
5) HR PVC - Insulation	2%
Inner Sheath	2%
Outer Sheath	2%
6) FR / Oxygen Index	2.5%
7) PVC Insulated Cable as per IS 1554	5%

**FRLS Loding Factor**

Cable Type (Sq.mm)	Inner sheath	FRLS		LSZH	
		Outer Sheath		Inner sheath	Outer sheath
		Armd.	UnArmd		
Power ( Al. )					
2 to 4	10%	10%	10%	15%	15%
5 to 10	7.5%	10%	10%	15%	15%
12 & Abv	7.5%	7.5%	7.5%	12.5%	12.5%

As per the international practice which is also adopted by BIS, the size of the conductor is decided by its resistance only. The construction of the conductor mentioned in the price-list are only for guide-lines and are as per market convention, It may vary within the prescribed limit of IS:8130-1994,with related classes and tables:

**PRICE LIST (H.T CABLE)**

Starnded Compact Circular Aluminium Conductor, Conductor Screened with Extruded semi-conducting compaund, XLPE Insulated, Insulation IS 7098(part-II) 1985 with latest amendments:

Rate Per KM

A2XFY	3.3 KV (E/UE)	6.6 KV 'E'	6.6 KV 'UE' / 11 KV 'E'	11 KV 'UE'	22 KV 'E'	33 KV 'E'
Cores x Sq.mm	Rs / Km	Rs / Km	Rs / Km	Rs / Km	Rs / Km	Rs / Km
3 x 35	635000	698000	794000	1151000	1235000	
3 x 50	725000	795000	904000	1282000	1364000	
3 x 70	889000	961000	1077000	1439000	1600000	
3 x 95	1086000	1143000	1288000	1624600	1707000	2404000
3 x 120	1258000	1343000	1460000	1797000	1893000	2659000
3 x 150	1447000	1539000	1651000	2014000	2114000	2906000
3 x 185	1695000	1783000	1950000	2298000	2393000	3237000
3 x 240	2058000	2152000	2305000	2710000	2820000	3670000
3 x 300	2423000	2553000	2671000	3125000	3240000	4120000
3 x 400	3015000	3231500	3300000	3750000	3924000	4843000

**Extra for Special Construction**

- |   |     |
|---|-----|
| a) EXTRUDED PVC INNER SHEATH WITH FILLERS | 3%  |
| b) PRESSURE EXTRUDED PVC INNER SHEATH     | 13% |
| <b>c) ROUND WIRE ARMOURING</b>            |     |
| i) 3.3 kV (E) To kV (E) Should be         | 20% |
| ii) 11 kV (UE) Should be                  | 23% |
| iii) 22 kV Should be                      | 25% |
| iv) 33 kV (E)/(UE) Should be              | 27% |
| d) FRLS PVC INNER SHEATH                  | 5%  |
| e) FRLS PVC OUTER SHEATH                  | 5%  |
| f) OXYGEN INDEX 26-30                     | 3%  |

Stranded compact circular Aluminium conductor, conductor screened with Extruded semiconducting compound, XLPE Insulated, Insulation Screened with Extruded semiconducting compound in combination with copper tape (0.3 KA for 1 Sec), Aluminium Wire armoured, and overall PVC Sheathed cable conforming to IS:7098/II/85 with latest amendments.

A2XFaY	6.6 KV 'E'	6.6 KV 'UE' / 11 KV 'E'	11 KV 'UE'	22 KV 'E'	33 KV 'E'
Cores x Sq.mm	Rs / Km	Rs / Km	Rs / Km	Rs / Km	Rs / Km
1 x 240	777000	819000	950000	979000	1180000
1 x 300	902000	936000	1067000	1104000	1387000
1 x 400	1093000	1112000	1262000	1295000	1596000
1 x 500	1325000	1334000	1560000	1597000	1837000
1 x 630	1585000	1606000	1856000	1893000	2154000
1 x 800	2039000	2044000	2240000	2283000	
1 x 1000	2441000	2441000	2634000	2685000	

**Extra for Special Construction**

- |                          |      |
|--------------------------|------|
| a) AL. FLAT ARMOURING    | -3%  |
| b) FRLS PVC INNER SHEATH | 7.5% |
| c) FRLS PVC OUTER SHEATH | 5%   |
| d) OXYGEN INDEX          | 3%   |
| e) EXTRUDED INNER SHEATH | 5%   |

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