

PRICE LIST

HIGH VOLTAGE / LOW VOLTAGE POWER & CONTROL CABLES



AUGUST 1ST 2014



LOW VOLTAGE ALUMINIUM CABLES

Power Cables, with Solid Aluminum conductor upto 10 sqmm and balance stranded conductor, XLPE Insulated, cores laid up, PVC tape innersheathed, Unarmoured/Armoured (Aluminium wire for single core cables upto 70 sqmm balance Aluminum strip, Galvanised wire for cables upto 2x10 sqmm, 3x10 sqmm, 4x6 sqmm balance all galvanised steel strip), extruded PVC Type ST2 sheathed, 650/ 1100 V grade as per IS 7098 (Part 1) 1988

Rs. / MTR.										
AREA IN SQ.MM.	CORES (UNARMoured)					CORES (ARMoured)				
	1	2	3	3.5	4	1	2	3	3.5	4
	A2XY					A2XWY/A2XFY				
4		75	86		96		122	143		163
6		90	102		125		145	168		185
10		110	134		160		180	210		240
16	62	132	170		215	115	212	222		270
25	82	170	240	278	300	139	220	289	334	360
35	100	215	305	345	385	168	265	366	412	455
50	130	280	395	455	500	204	333	459	531	585
70	175	372	550	630	685	258	445	618	720	790
95	220	500	697	805	890	292	569	790	895	990
120	275	590	860	1010	1120	351	680	944	1118	1220
150	340	722	1065	1220	1380	416	820	1164	1326	1490
185	415	900	1330	1530	1720	509	1022	1422	1650	1850
240	525	1145	1695	1955	2200	625	1275	1820	2080	2360
300	640	1415	2085	2405	2710	760	1550	2200	2550	2870
400	845	1815	2680	3100	3550	954	1950	2797	3243	3650
500	1010	2280	3260	3765	4270	1249	2580	3615	4213	4725
630	1280	2880	4140	4900	5515	1585	3250	4583	5473	6115
800	1680					2013				
1000	2135					2516				

EXTRA FOR SPECIAL CONSTRUCTION (POWER CABLES)

- Round Wire Armouring
 - 1C X 95 Sqmm & above 25%
 - 2C X 16 Sqmm & above 25%
 - 3C X 16 Sqmm & above 25%
 - 3.5C X 25 Sqmm & above 25%
 - 4C X 10 Sqmm & above 25%
- Stranding 10 Sq.mm. and below 10%
- Extruded PVC Inner Sheath
 - upto 50 Sqmm 5%
 - 70 Sqmm & above 2.5%
- HR PVC (Insulation, Inner Sheath, Outer Sheath)
 - Insulation 2%
 - Inner Sheath 2%
 - Outer Sheath 2%
- FR / Oxygen Index 2.5%
- PVC Insulated Cable as per IS 1554 8%

CABLE TYPE (SQ.MM)	INNER SHEATH FRLS	FRLS		LSZH	
		OUTER SHEATH		INNER SHEATH	OUTER SHEATH
		ARMED	UNARMED		
POWER (AL.)					
Up to 16	10%	15%		15%	20%
25 to 50	7.5%	10%		12.5%	15%
70 & Abv	5%	7.5%		15%	12.5%
POWER SINGLE CORE (AL.)					
Up to 16	NA	20%		25%	
25 to 70	NA	15%		20%	
95 & Abv	NA	12.5%		17.5%	

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COPPER ARMoured/UNARMoured LOW VOLTAGE CABLES

Power/Control Copper Cables, with Solid Copper conductor, XLPE Insulated, cores laid up, PVC type ST-2/ taped inner sheathed standard, Unarmoured/Armoured (Galvanised wire for cables upto 10x1.5 sqmm, 8x2.5 sqmm, 2x10 sqmm, 3x10 sqmm, 4x6 sqmm balance all galvanised steel strip), extruded PVC Type ST2 sheathed, 650/ 1100 V grade as per IS 7098 (Part 1) 1988

Rs. / MTR.									
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	96	138	142	186	14	466	732	592	832
3	125	180	175	239	16	531	840	612	936
4	157	235	211	297	19	625	990	710	1099
5	185	280	248	355	24	790	1245	889	1376
6	220	335	284	413	27	880	1390	991	1531
7	245	380	315	466	30	1005	1600	1135	1766
8	275	415	340	501	37	1230	1975	1384	2152
9	315	463	386	566	44	1460	2335	1637	2567
10	343	535	452	614	52	1740	2743	1913	3005
12	405	632	520	721	61	2030	3206	2233	3499

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 armouring
 - i) 1.5 sq.mm. 12 core above 15%
 - ii) 2.5 sq.mm. 9 core and above 15%
 - iii) 2x16 sq.mm, 3x16 sq.mm, 4x10 sq.mm, 4x16 sq.mm 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%

COPPER ARMoured & UNARMoured

CROSS SECTION (SQ.MM.)	UNARMoured & ARMoured					
	2 CORE		3 CORE		4 CORE	
	2XY	2XWY/2XFY	2XY	2XWY/2XFY	2XY	2XWY/2XFY
4	192	245	270	318	352	405
6	275	331	390	439	505	565
10	435	500	620	683	817	881
16	620	712	920	967	1215	1270

CROSS SECTION (SQ.MM.)	2 CORE	3 CORE	3.5 CORE	4 CORE
	2XFY	2XFY	2XFY	2XFY
25	1066	1563	1880	2058
35	1458	2153	2471	2840
50	1980	2932	3429	3885
70	2805	4163	4852	5510
95	4027	5979	6986	7925
120	5048	7513	8952	9975
150	6297	9379	10817	12455
185	7745	11543	13493	15315
240	9962	14869	17333	19740
300	12409	18510	21592	24590
400	16268	24291	28092	32270

FRLS LOADING FACTOR					
CABLE TYPE (CORES)	INNER SHEATH	FRLS		LSZH	
		OUTER SHEATH		INNER SHEATH	OUTER SHEATH
		ARMED.	UNARMED		
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%

FRLS Loading-Power Cable 7.50%

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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.

LOW VOLTAGE COPPER UNARMoured CABLES

Power Cables with Copper Conductor, XLPE Insulated, cores laid up, Extruded PVC ST 2 innersheathed, Unarmoured extruded PVC Type ST2 sheathed, as per IS 7098 (Part 1) 1988

CROSS SECTION SQ.MM.	Rs. / MTR.			
	2 CORE 2XY	3 CORE 2XY	3.5 CORE 2XY	4 CORE 2XY
25	960	1424	1718	1880
35	1325	1970	2265	2605
50	1815	2700	3161	3580
70	2580	3870	4497	5110
95	3585	5355	6257	7110
120	4510	6744	8029	8970
150	5630	8435	9722	11210
185	6960	10385	12151	13810
240	8955	13425	15629	17820
300	11170	16715	19497	22233
400	14660	21950	25399	29210

Power Cables with Copper Conductor, XLPE Insulated, cores laid up, Unarmoured extruded PVC Type ST2 sheathed, as per IS 7098 (Part 1) 1988

CROSS SECTION SQ.MM.	1 CORE	CROSS SECTION SQ.MM.	1 CORE
	ARMoured		UNARMoured
16	348	16	310
25	566	25	470
35	767	35	652
50	1037	50	895
70	1457	70	1270
95	2049	95	1705
120	2578	120	2150
150	3208	150	2686
185	3944	185	3305
240	5065	240	4260
300	6314	300	5310
400	8272	400	7000
500	10439	500	8825
630	13139	630	11105
800	16649	800	14092
1000	20780	1000	17605

EXTRA FOR SPECIAL CONSTRUCTION

- 1) Extruded PVC inner sheath 2.50%
- 2) For stranding (upto 6 sq.mm.) 6%
- 3) For Tinning 3%
- 4) Round wire armouring
 - i) 1 C x 95 & above 7.50%
 - ii) 1.5 sq.mm. 12 core above 15%
 - iii) 2.5 sq.mm. 9 core and above 15%
 - iv) 2x 16, 3x 16, 4x 16 and above 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%
- 8) FRLS Loading-Power Cable 7.50%

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:

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HIGH VOLTAGE ALUMINIUM FLAT ARMoured 3 CORES CABLES

Stranded Compact Circular Aluminium Conductor, Conductor Screened with Extruded Semi-conducting compound, XLPE Insulated, Insulation Screened with extruded semi-conducting compound in combination with copper tape (0.3 KA for one sec.), cores laid up, inner sheath of PE type, galvanised steel flat strip armoured, and overall PVC Sheathed cable conforming to IS:7098/II/85 with latest amendments:

							Rs. / MTR.
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'	33 KV 'UE'
CORES X SQ.MM	RS / M	RS / M	RS / M	RS / M	RS / M	RS / M	RS / M
3 X 25	687						
3 x 35	820	890	981				
3 x 50	940	1015	1111	1480	1587		
3 x 70	1140	1225	1320	1715	1835		
3 x 95	1380	1470	1577	1990	2122	2765	3290
3 x 120	1625	1720	1820	2265	2400	3151	3615
3 x 150	1835	1935	2031	2500	2647	3417	3880
3 x 185	2160	2256	2364	2860	2996	3813	4300
3 x 240	2625	2730	2837	3365	3510	4358	4875
3 x 300	3095	3255	3302	3870	4027	4898	5435
3 x 400	3765	4075	4146	4550	4742	5671	6250

EXTRA FOR SPECIAL CONSTRUCTION

- A) Extra for Special Construction
- a) FRLS PVC inner sheath 5.0%
 - b) FRLS PVC outer sheath 5%
 - c) Oxygen index 3%
 - d) Extruded inner sheath 3%
- B) Loading for round wire armour
- a) Upto 11 KV (E) 25%
 - b) 11 KV(UE) & Above 27.50%

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HIGH VOLTAGE ALUMINIUM SINGLE CORES CABLES

Stranded Compact Circular Aluminium Conductor, Conductor Screened with Extruded Semi-conducting compound, XLPE Insulated, Insulation Screened with extruded semi-conducting compound, Aluminium Round Wire armoured, and overall PVC Sheathed cable conforming to IS:7098/II/85 with latest amendments.

							RS. / MTR.
A2XWaY	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'	33 KV 'UE'
CORES X SQ.MM	RS / MTR	RS / MTR	RS / MTR	RS / MTR	RS / MTR	RS / MTR	RS / MTR
1 x 35	389	403	427				
1 x 50	430	441	473				
1 x 70	490	503	540	660			
1 x 95	550	567	606	770	824	1071	
1 x 120	625	639	685	870	915	1179	1320
1 x 150	695	714	754	945	997	1261	1430
1 x 185	800	821	903	1125	1170	1413	1560
1 x 240	1010	1033	1133	1295	1335	1598	1860
1 x 300	1172	1205	1329	1455	1500	1874	2050
1 x 400	1400	1461	1586	1722	1765	2142	2340
1 x 500	1710	1790	1853	2125	2170	2511	2710
1 x 630	2115	2152	2211	2520	2565	2944	3165
1 x 800	2625	2645	2683	2945	2990	3371	3800
1 x 1000	3165	3175	3492	3455	3500	4098	4375

EXTRA FOR SPECIAL CONSTRUCTION

a) FRLS PVC inner sheath	5%
b) FRLS PVC outer sheath	5%
c) Oxygen index	3%
d) Extruded inner sheath	3%
e) Flat strip armoured	-5%

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FLEXIBLE CABLES

RPG Cables make Flexible MultiCore Cables with annealed Bare Copper conductor, PVC insulated, PVC sheathed as per IS - 694

				RS. PER 100 MTR.
FLEX SHEATHED				
AREA IN SQ.MM.	CORE - 2	CORE - 3	CORE - 4	
	YY	YY	YY	
1.0	3560	4860	6370	
1.5	4640	6590	8750	
2.5	7560	10480	14040	
4	11340	16200	21380	
6	16740	23980	31970	
10	28730	41150	54220	
16	43630	65770	86720	
25	81000	113080	148610	
35	111130	155950	206390	
50	161570	223990	299380	

RPG Cables make Flexible Single Core Cables with annealed Bare Copper conductor, PVC insulated unsheathed as per IS - 694

				RS. PER 100 MTR.
FLEX UNSHEATHED				
AREA IN SQ.MM.	CORE - 1	AREA IN SQ.MM.	CORE - 1	
	Y		Y	
1.0	1340	70	87700	
1.5	1910	95	117280	
2.5	3130	120	151180	
4	4860	150	188350	
6	7240	185	228900	
10	12640	240	302370	
16	19760	300	383680	
25	30890	400	514480	
35	42980	500	632200	
50	61880			

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