

# XLPE-Insulated Cables

600/1000V 2-Core ~ 4-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed, Aluminum Conductor Cable  
AL/XLPE/PVC or AL/XLPE/PVC/SWA/PVC



Standard Reference IEC 60502-1, IEC 60228

Application :	This cable is primarily used for main power supply. It can be installed in cable ducts, in cable trunking, on cable trays and on cable ladders and in switchgears
Construction :	Aluminium conductor, XLPE Insulated, unarmoured or aluminum wires armoured, PVC sheathed cable
Insulation colour :	2-Core: Brown, Blue 3-Core: Brown, Black, Grey 4-Core: Brown, Black, Grey, Blue
Sheath colour:	Black
Operating Temperature :	90°C

Conductor Nominal Area (mm <sup>2</sup> )	Insulation Thickness (mm)	2-Core Unarmoured Cable		Armoured Cable	
		Approx. Overall Dia. (mm)	Approx. Weight (kg/km)	Approx. Overall Dia. (mm)	Approx. Weight (kg/km)
4	0.7	12.0	147	16.5	429
6	0.7	13.1	188	17.5	406
10	0.7	16.0	241	20.8	685
16	0.7	18.0	307	22.9	806
25(cs)	0.9	21.2	417	26.7	1144
35(cs)	0.9	23.4	509	29.0	1309
50(cs)	1.0	26.8	641	32.4	1539
70(cs)	1.1	30.4	836	36.3	1924
95(cs)	1.1	34.0	1073	41.2	2611
120(cs)	1.2	37.0	1301	44.2	2951
150(cs)	1.4	41.0	1594	48.2	3391
185(cs)	1.6	45.8	1966	54.4	4505
240(cs)	1.7	51.8	2512	60.4	5353
300(cs)	1.8	57.4	3068	66.3	6265
400(cs)	2.0	65.0	3900	74.0	7450

(cs): Circular Compact Stranded Conductor  
(s): Sector Shaped Stranded Conductor

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tel (65) 6367 0107 fax (65) 6365 2963  
www.keystone-cable.com

		3-Core			
Conductor	Insulation	Unarmoured Cable		Armoured Cable	
Nominal Area	Thickness	Approx. Overall Dia.	Approx. Weight	Approx. Overall Dia.	Approx. Weight
(mm <sup>2</sup> )	(mm)	(mm)	(kg/km)	(mm)	(kg/km)
4	0.7	12.8	152	17.0	467
6	0.7	14.0	196	18.5	527
10	0.7	16.9	286	21.7	754
16	0.7	19.0	373	24.0	896
25(cs)	0.9	22.5	516	28.0	1282
35(cs)	0.9	25.0	638	30.5	1496
50(cs)	1.0	28.5	813	34.5	1821
70(cs)	1.1	32.6	1090	40.0	2562
95(cs)	1.1	36.5	1411	44.0	3047
120(cs)	1.2	39.7	1721	47.5	3498
150(cs)	1.4	44.0	2107	53.2	4581
185(cs)	1.6	49.2	2604	58.2	5342
240(cs)	1.7	55.6	3337	65.0	6481
300(cs)	1.8	61.6	4084	75.0	7571
400(cs)	2.0	70.0	5195	80.5	9991

		4-Core			
Conductor	Insulation	Unarmoured Cable		Armoured Cable	
Nominal Area	Thickness	Approx. Overall Dia.	Approx. Weight	Approx. Overall Dia.	Approx. Weight
(mm <sup>2</sup> )	(mm)	(mm)	(kg/km)	(mm)	(kg/km)
4	0.7	11.5	180	15.5	430
6	0.7	12.5	230	16.5	495
10	0.7	14.0	315	18.0	610
16	0.7	15.0	395	20.0	810
25(cs)	0.9	18.4	590	23.2	1120
35(cs)	0.9	21.4	860	27.0	1480
50(cs)	1.0	22.0	1200	27.5	2000
70(cs)	1.1	25.0	1600	30.5	2400
95(cs)	1.1	28.0	2100	34.0	3100
120(cs)	1.2	32.0	3000	39.5	4440
150(cs)	1.4	37.0	4100	44.0	5700
185(cs)	1.6	42.0	5160	50.0	7386
240(cs)	1.7	46.0	6300	54.5	8770
300(cs)	1.8	50.5	7881	59.0	10750
400(cs)	2.0	58.0	10500	68.0	13600

(cs): Circular Compact Stranded Conductor  
(s): Sector Shaped Stranded Conductor