

Medium Voltage Cables

6/10(12)kV Single-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: AL/XLPE/CTS/PVC or AL/XLPE/CTS/PVC/AWA/PVC-AT or AL/XLPE/CTS/PVC/DATA/PVC-AT



Application :	This is an electric power distribution network cable typically used as primary supply to commercial, industrial and urban residential networks
Voltage rating :	6/10(12)kV, 6.35/11(12)kV
Construction :	Circular compacted stranded aluminium conductor, cross linked semi-conducting compound, XLPE insulated, cross linked semi-conducting compound bonded or strippable screened, plain annealed copper tape screen, aluminium wires or double aluminium tape armoured and extruded PVC or anti-termite PVC compound sheath
Specification :	IEC60502-2, BS6622
Operating temperature:	90°C

Conductor		Insulation	Unarmoured			AWA Armoured			DATA Armoured		
Nominal Area	Approx. Diam.	Thickness	Part No.	Approx. Overall Diam.	Approx. Weight	Part No.	Approx. Overall Diam.	Approx. Weight	Part No.	Approx. Overall Diam.	Approx. Weight
(mm ²)	(mm)	(mm)		(mm)	(kg/km)		(mm)	(kg/km)		(mm)	(kg/km)
25	6.0	3.4	13019020A	21.3	515.0	13019030A	27.2	910.0	13019022A	26.1	790.0
35	7.0	3.4	14019020A	22.3	575.0	14019030A	28.2	985.0	14019022A	27.1	865.0
50	8.4	3.4	15019020A	23.7	655.0	15019030A	29.7	1080.0	15019022A	28.5	955.0
70	10.0	3.4	16019020A	25.5	755.0	16019030A	31.4	1230.0	16019022A	30.2	1080.0
95	11.6	3.4	17019020A	27.0	880.0	17019030A	33.2	1380.0	17019022A	32	1230.0
120	13.0	3.4	18019020A	28.4	985.0	18019030A	35.4	1610.0	18019022A	33.6	1370.0
150	14.6	3.4	19019020A	30.0	1105.0	19019030A	37.3	1790.0	19019022A	35.2	1515.0
185	16.2	3.4	20019020A	31.8	1270.0	20019030A	38.9	1970.0	20019022A	37.1	1700.0
240	18.4	3.4	21019020A	34.3	1515.0	21019030A	41.3	2250.0	21019022A	39.3	1955.0
300	20.6	3.4	22019020A	36.6	1750.0	22019030A	43.7	2570.0	22019022A	41.7	2240.0
400	23.8	3.4	23019020A	40.2	2100.0	23019030A	48.5	3160.0	23019022A	45.4	2650.0
500	26.6	3.4	24019020A	43.0	2505.0	24019030A	51.5	3635.0	24019022A	48.4	3100.0
630	29.9	3.4	25019020A	46.8	3040.0	25019030A	55.2	4270.0	25019022A	52.1	3695.0
800	34.1	3.4	26019020A	51.4	3650.0	26019030A	60.0	4980.0	26019022A	56.6	4350.0
1000	37.8	3.4	27019020A	55.4	4400.0	27019030A	64.2	5860.0	27019022A	61.0	5210.0

*MDPE, LSZH sheath is available if required.