

Medium Voltage Cables

18/30(36)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 :	18/30(36)kV, 19/33(36)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)
50	8.4	8.0	15019038A	33.4	1140.0	15019039A	40.7	1860.0	15019040A	38.5	1570.0
70	10.0	8.0	16019038A	35.2	1265.0	16019039A	42.3	2025.0	16019040A	40.3	1735.0
95	11.6	8.0	17019038A	37.1	1430.0	17019039A	44.1	2225.0	17019040A	42.0	1900.0
120	13.0	8.0	18019038A	38.4	1555.0	18019039A	45.5	2380.0	18019040A	43.6	2070.0
150	14.6	8.0	19019038A	40.3	1725.0	19019039A	48.5	2765.0	19019040A	45.4	2260.0
185	16.2	8.0	20019038A	41.9	1900.0	20019039A	50.4	3005.0	20019040A	47.2	2475.0
240	18.4	8.0	21019038A	44.4	2185.0	21019039A	52.9	3335.0	21019040A	49.6	2790.0
300	20.6	8.0	22019038A	46.8	2475.0	22019039A	55.3	3685.0	22019040A	52.0	3115.0
400	23.8	8.0	23019038A	50.2	2870.0	23019039A	58.9	4195.0	23019040A	55.5	3555.0
500	26.6	8.0	24019038A	53.3	3330.0	24019039A	62.0	4735.0	24019040A	58.7	4085.0
630	29.9	8.0	25019038A	56.8	3905.0	25019039A	66.0	5470.0	25019040A	62.7	4770.0
800	34.1	8.0	26019038A	61.5	4590.0	26019039A	70.6	6240.0	26019040A	67.3	5510.0
1000	37.8	8.0	27019038A	65.4	5395.0	27019039A	74.7	7185.0	27019040A	71.4	6410.0

*MDPE, LSZH sheath is available if required.