

Medium Voltage Cables

18/30(36)kV 3-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: AL/XLPE/CTS/PVC or AL/XLPE/CTS/PVC/SWA/PVC-AT or AL/XLPE/CTS/PVC/DSTA/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, galvanised steel wires or double steel tape armoured and extruded PVC or anti-termite PVC compound sheath

Specification : IEC60502-2, BS6622

Operating temperature: 90°C

Conductor			Insulation			Unarmoured			SWA Armoured			DSTA 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	15039012A	68.9	3900.0	15039041A	79.8	8855.0	15039043A	75.2	5720.0			
70	10.0	8.0	16039012A	72.6	4350.0	16039041A	83.5	9560.0	16039043A	78.8	6295.0			
95	11.6	8.0	17039012A	76.3	4890.0	17039041A	87.7	10465.0	17039043A	82.7	6970.0			
120	13.0	8.0	18039012A	79.8	5405.0	18039041A	91.0	11225.0	18039043A	87.6	8435.0			
150	14.6	8.0	19039012A	83.5	5965.0	19039041A	94.8	12010.0	19039043A	91.4	9130.0			
185	16.2	8.0	20039012A	87.1	6610.0	20039041A	98.7	13000.0	20039043A	95.2	9960.0			
240	18.4	8.0	21039012A	92.2	7510.0	21039041A	104.1	14400.0	21039043A	100.6	11175.0			
300	20.6	8.0	22039012A	97.3	8565.0	22039041A	109.3	15745.0	22039043A	106.0	12395.0			
400	23.8	8.0	23039012A	104.7	9955.0	23039041A	117.0	17800.0	23039043A	113.7	14200.0			

*MDPE, LSZH sheath is available if required.