

Medium Voltage Cables

18/30(36)kV 3-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: CU/XLPE/CTS/PVC or CU/XLPE/CTS/PVC/SWA/PVC-AT or CU/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 copper 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	15039012	68.9	4750.0	15039041	79.8	9735.0	15039043	75.2	6600.0
70	10.0	8.0	16039012	72.6	5610.0	16039041	83.5	10825.0	16039043	78.8	7550.0
95	11.6	8.0	17039012	76.3	6640.0	17039041	87.7	12220.0	17039043	82.7	8715.0
120	13.0	8.0	18039012	79.8	7605.0	18039041	91.0	13420.0	18039043	87.6	10625.0
150	14.6	8.0	19039012	83.5	8675.0	19039041	94.8	14720.0	19039043	91.4	11835.0
185	16.2	8.0	20039012	87.1	9995.0	20039041	98.7	16385.0	20039043	95.2	13345.0
240	18.4	8.0	21039012	92.2	12000.0	21039041	104.1	18855.0	21039043	100.6	15630.0
300	20.6	8.0	22039012	97.3	14150.0	22039041	109.3	21330.0	22039043	106.0	17995.0
400	23.8	8.0	23039012	104.7	17110.0	23039041	117.0	24940.0	23039043	113.7	21350.0

*MDPE, LSZH sheath is available if required.