

Medium Voltage Cables

18/30(36)kV Single-Core
XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: CU/XLPE/CTS/PVC or CU/XLPE/CTS/PVC/AWA/PVC-AT or CU/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 copper 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	15019038	33.4	1420.0	15019039	40.7	2150.0	15019040	38.5	1860.0
70	10.0	8.0	16019038	35.2	1675.0	16019039	42.3	2445.0	16019040	40.3	2155.0
95	11.6	8.0	17019038	37.1	2005.0	17019039	44.1	2805.0	17019040	42.0	2485.0
120	13.0	8.0	18019038	38.4	2275.0	18019039	45.5	3110.0	18019040	43.6	2800.0
150	14.6	8.0	19019038	40.3	2615.0	19019039	48.5	3670.0	19019040	45.4	3160.0
185	16.2	8.0	20019038	41.9	3010.0	20019039	50.4	4135.0	20019040	47.2	3605.0
240	18.4	8.0	21019038	44.4	3650.0	21019039	52.9	4810.0	21019040	49.6	4270.0
300	20.6	8.0	22019038	46.8	4320.0	22019039	55.3	5545.0	22019040	52.0	4970.0
400	23.8	8.0	23019038	50.2	5230.0	23019039	58.9	6570.0	23019040	55.5	5930.0
500	26.6	8.0	24019038	53.3	6355.0	24019039	62.0	7775.0	24019040	58.7	7120.0
630	29.9	8.0	25019038	56.8	7825.0	25019039	66.0	9390.0	25019040	62.7	8705.0
800	34.1	8.0	26019038	61.5	9520.0	26019039	70.6	11170.0	26019040	67.3	10440.0
1000	37.8	8.0	27019038	65.4	11675.0	27019039	74.7	13455.0	27019040	71.4	12690.0

*MDPE, LSZH sheath is available if required.