

Medium Voltage Cables

3.6/6(7.2)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 :	3.6/6(7.2)kV, 3.8/6.6(7.2)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)
25	6.0	2.5	13019015	19.7	610.0	13019016	25.6	985.0	13019017	24.4	870.0
35	7.0	2.5	14019015	20.7	725.0	14019016	26.6	1125.0	14019017	25.4	1000.0
50	8.4	2.5	15019015	22.1	875.0	15019016	27.9	1275.0	15019017	26.8	1160.0
70	10.0	2.5	16019015	23.7	1095.0	16019016	29.6	1535.0	16019017	28.4	1410.0
95	11.6	2.5	17019015	25.3	1375.0	17019016	31.5	1850.0	17019017	30.1	1705.0
120	13.0	2.5	18019015	26.8	1625.0	18019016	32.8	2130.0	18019017	31.5	1985.0
150	14.6	2.5	19019015	28.4	1920.0	19019016	34.7	2465.0	19019017	33.3	2300.0
185	16.2	2.5	20019015	30.0	2285.0	20019016	37.3	2980.0	20019017	35.2	2700.0
240	18.4	2.6	21019015	32.6	2885.0	21019016	39.7	3610.0	21019017	37.8	3335.0
300	20.6	2.8	22019015	35.5	3540.0	22019016	42.5	4310.0	22019017	40.6	4020.0
400	23.8	3.0	23019015	39.4	4430.0	23019016	46.6	5285.0	23019017	44.5	4950.0
500	26.6	3.2	24019015	42.8	5520.0	24019016	51.3	6655.0	24019017	48.1	6125.0
630	29.9	3.2	25019015	46.4	6940.0	25019016	55.1	8180.0	25019017	51.9	7605.0
800	34.1	3.2	26019015	51.0	8550.0	26019016	59.6	9860.0	26019017	56.4	9250.0
1000	37.8	3.2	27019015	55.0	10645.0	27019016	64.0	12115.0	27019017	60.7	11455.0

*MDPE, LSZH sheath is available if required.