

Medium Voltage Cables

3.6/6(7.2)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 :	3.6/6(7.2)kV, 3.8/6.6(7.2)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)
25	6.0	2.5	13019015A	19.7	455.0	13019016A	25.6	820.0	13019017A	24.4	710.0
35	7.0	2.5	14019015A	20.7	510.0	14019016A	26.6	895.0	14019017A	25.4	780.0
50	8.4	2.5	15019015A	22.1	585.0	15019016A	27.9	985.0	15019017A	26.8	870.0
70	10.0	2.5	16019015A	23.7	680.0	16019016A	29.6	1110.0	16019017A	28.4	985.0
95	11.6	2.5	17019015A	25.3	800.0	17019016A	31.5	1270.0	17019017A	30.1	1120.0
120	13.0	2.5	18019015A	26.8	900.0	18019016A	32.8	1400.0	18019017A	31.5	1255.0
150	14.6	2.5	19019015A	28.4	1020.0	19019016A	34.7	1560.0	19019017A	33.3	1395.0
185	16.2	2.5	20019015A	30.0	1170.0	20019016A	37.3	1850.0	20019017A	35.2	1580.0
240	18.4	2.6	21019015A	32.6	1415.0	21019016A	39.7	2125.0	21019017A	37.8	1855.0
300	20.6	2.8	22019015A	35.5	1690.0	22019016A	42.5	2460.0	22019017A	40.6	2165.0
400	23.8	3.0	23019015A	39.4	2050.0	23019016A	46.6	2925.0	23019017A	44.5	2580.0
500	26.6	3.2	24019015A	42.8	2480.0	24019016A	51.3	3625.0	24019017A	48.1	3080.0
630	29.9	3.2	25019015A	46.4	3010.0	25019016A	55.1	4255.0	25019017A	51.9	3670.0
800	34.1	3.2	26019015A	51.0	3620.0	26019016A	59.6	4935.0	26019017A	56.4	4315.0
1000	37.8	3.2	27019015A	55.0	4365.0	27019016A	64.0	5840.0	27019017A	60.7	5180.0

*MDPE, LSZH sheath is available if required.