

Medium Voltage Cables

8.7/15(17.5)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 :	8.7/15(17.5)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	4.5	13019024A	23.6	605.0	13019025A	29.4	1030.0	13019026A	28.3	905.0
35	7.0	4.5	14019024A	24.6	665.0	14019025A	30.7	1125.0	14019026A	29.4	980.0
50	8.4	4.5	15019024A	26.1	750.0	15019025A	32.1	1230.0	15019026A	31.0	1090.0
70	10.0	4.5	16019024A	27.7	855.0	16019025A	34.0	1380.0	16019026A	32.6	1220.0
95	11.6	4.5	17019024A	29.3	990.0	17019025A	36.6	1650.0	17019026A	34.5	1380.0
120	13.0	4.5	18019024A	30.9	1110.0	18019025A	38.1	1790.0	18019026A	35.8	1510.0
150	14.6	4.5	19019024A	32.5	1240.0	19019025A	39.6	1950.0	19019026A	37.6	1680.0
185	16.2	4.5	20019024A	34.5	1410.0	20019025A	41.5	2160.0	20019026A	39.3	1855.0
240	18.4	4.5	21019024A	36.8	1665.0	21019025A	44.0	2455.0	21019026A	41.7	2135.0
300	20.6	4.5	22019024A	39.1	1910.0	22019025A	46.1	2745.0	22019026A	44.1	2425.0
400	23.8	4.5	23019024A	42.5	2265.0	23019025A	51.0	3370.0	23019026A	47.7	2850.0
500	26.6	4.5	24019024A	45.6	2680.0	24019025A	54.2	3900.0	24019026A	51.0	3335.0
630	29.9	4.5	25019024A	49.1	3220.0	25019025A	57.7	4525.0	25019026A	54.5	3930.0
800	34.1	3.4	26019024A	54.0	3870.0	26019025A	62.6	5265.0	26019026A	59.3	4625.0
1000	37.8	3.4	27019024A	57.9	4635.0	27019025A	66.9	6195.0	27019026A	63.7	5500.0

*MDPE, LSZH sheath is available if required.