

Medium Voltage Cables

12/20(24)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 :	12/20(24)kV, 12.7/22(24)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)
35	7.0	5.5	14019031A	26.6	760.0	14019032A	32.7	1250.0	14019033A	31.5	1110.0
50	8.4	5.5	15019031A	28.0	845.0	15019032A	34.4	1380.0	15019033A	33.0	1210.0
70	10.0	5.5	16019031A	29.7	955.0	16019032A	37.0	1625.0	16019033A	34.8	1360.0
95	11.6	5.5	17019031A	31.4	1105.0	17019032A	38.7	1800.0	17019033A	36.6	1535.0
120	13.0	5.5	18019031A	33.0	1220.0	18019032A	40.3	1960.0	18019033A	38.0	1665.0
150	14.6	5.5	19019031A	34.8	1375.0	19019032A	41.9	2130.0	19019033A	39.7	1825.0
185	16.2	5.5	20019031A	36.4	1535.0	20019032A	43.7	2350.0	20019033A	41.5	2030.0
240	18.4	5.5	21019031A	38.8	1795.0	21019032A	46.0	2635.0	21019033A	44.0	2315.0
300	20.6	5.5	22019031A	41.2	2065.0	22019032A	49.9	3155.0	22019033A	46.6	2640.0
400	23.8	5.5	23019031A	44.7	2435.0	23019032A	53.2	3610.0	23019033A	50.0	3055.0
500	26.6	5.5	24019031A	47.8	2860.0	24019032A	56.5	4150.0	24019033A	53.3	3550.0
630	29.9	5.5	25019031A	51.3	3405.0	25019032A	60.2	4815.0	25019033A	57.0	4175.0
800	34.1	5.5	26019031A	56.0	4055.0	26019032A	64.8	5535.0	26019033A	61.6	4865.0
1000	37.8	5.5	27019031A	60.2	4855.0	27019032A	69.0	6450.0	27019033A	65.8	5725.0

*MDPE, LSZH sheath is available if required.