

Medium Voltage Cables

6/10(12)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 :	6/10(12)kV, 6.35/11(12)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	3.4	13019020	21.3	675.0	13019030	27.2	1070.0	13019022	26.1	955.0
35	7.0	3.4	14019020	22.3	795.0	14019030	28.2	1200.0	14019022	27.1	1085.0
50	8.4	3.4	15019020	23.7	940.0	15019030	29.7	1370.0	15019022	28.5	1250.0
70	10.0	3.4	16019020	25.5	1175.0	16019030	31.4	1650.0	16019022	30.2	1495.0
95	11.6	3.4	17019020	27.0	1455.0	17019030	33.2	1955.0	17019022	32	1815.0
120	13.0	3.4	18019020	28.4	1700.0	18019030	35.4	2340.0	18019022	33.6	2100.0
150	14.6	3.4	19019020	30.0	1990.0	19019030	37.3	2690.0	19019022	35.2	2415.0
185	16.2	3.4	20019020	31.8	2380.0	20019030	38.9	3095.0	20019022	37.1	2830.0
240	18.4	3.4	21019020	34.3	2975.0	21019030	41.3	3730.0	21019022	39.3	3435.0
300	20.6	3.4	22019020	36.6	3585.0	22019030	43.7	4410.0	22019022	41.7	4100.0
400	23.8	3.4	23019020	40.2	4460.0	23019030	48.5	5520.0	23019022	45.4	5020.0
500	26.6	3.4	24019020	43.0	5520.0	24019030	51.5	6665.0	24019022	48.4	6140.0
630	29.9	3.4	25019020	46.8	6955.0	25019030	55.2	8190.0	25019022	52.1	7620.0
800	34.1	3.4	26019020	51.4	8580.0	26019030	60.0	9910.0	26019022	56.6	9275.0
1000	37.8	3.4	27019020	55.4	10680.0	27019030	64.2	12140.0	27019022	61.0	11490.0

*MDPE, LSZH sheath is available if required.