

Medium Voltage Cables

12/20(24)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 :	12/20(24)kV, 12.7/22(24)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)
35	7.0	5.5	14019031	26.6	975.0	14019032	32.7	1475.0	14019033	31.5	1330.0
50	8.4	5.5	15019031	28.0	1130.0	15019032	34.4	1675.0	15019033	33.0	1500.0
70	10.0	5.5	16019031	29.7	1375.0	16019032	37.0	2045.0	16019033	34.8	1780.0
95	11.6	5.5	17019031	31.4	1680.0	17019032	38.7	2380.0	17019033	36.6	2115.0
120	13.0	5.5	18019031	33.0	1945.0	18019032	40.3	2690.0	18019033	38.0	2395.0
150	14.6	5.5	19019031	34.8	2270.0	19019032	41.9	3030.0	19019033	39.7	2720.0
185	16.2	5.5	20019031	36.4	2655.0	20019032	43.7	3470.0	20019033	41.5	3145.0
240	18.4	5.5	21019031	38.8	3260.0	21019032	46.0	4105.0	21019033	44.0	3790.0
300	20.6	5.5	22019031	41.2	3905.0	22019032	49.9	5005.0	22019033	46.6	4490.0
400	23.8	5.5	23019031	44.7	4795.0	23019032	53.2	5975.0	23019033	50.0	5420.0
500	26.6	5.5	24019031	47.8	5885.0	24019032	56.5	7180.0	24019033	53.3	6590.0
630	29.9	5.5	25019031	51.3	7330.0	25019032	60.2	8735.0	25019033	57.0	8110.0
800	34.1	5.5	26019031	56.0	8985.0	26019032	64.8	10465.0	26019033	61.6	9795.0
1000	37.8	5.5	27019031	60.2	11135.0	27019032	69.0	12730.0	27019033	65.8	12010.0

*MDPE, LSZH sheath is available if required.