

Medium Voltage Cables

12/20(24)kV 3-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: CU/XLPE/CTS/PVC or CU/XLPE/CTS/PVC/SWA/PVC-AT or CU/XLPE/CTS/PVC/DSTA/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, galvanised steel wires or double steel tape armoured and extruded PVC or anti-termite PVC compound sheath
Specification :	IEC60502-2, BS6622
Operating temperature:	90°C

Conductor			Insulation			Unarmoured			SWA Armoured			DSTA 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	14039034	53.9	3140.0	14039036	62.8	6270.0	14039164	59.6	4505.0			
50	8.4	5.5	15039034	57.1	3670.0	15039036	66.4	6985.0	15039164	63.1	5150.0			
70	10.0	5.5	16039034	60.8	4470.0	16039036	70.0	8030.0	16039164	66.8	6045.0			
95	11.6	5.5	17039034	64.8	5475.0	17039036	73.9	9225.0	17039164	70.6	7140.0			
120	13.0	5.5	18039034	68.1	6350.0	18039036	79.0	11255.0	18039164	74.1	8135.0			
150	14.6	5.5	19039034	71.7	7365.0	19039036	82.6	12500.0	19039164	77.9	9245.0			
185	16.2	5.5	20039034	75.4	8630.0	20039036	86.5	14090.0	20039164	81.9	10680.0			
240	18.4	5.5	21039034	80.6	10590.0	21039036	91.9	16470.0	21039164	88.6	13645.0			
300	20.6	5.5	22039034	85.5	12625.0	22039036	97.2	18920.0	22039164	93.8	15915.0			
400	23.8	5.5	23039034	92.9	15460.0	23039036	104.9	22300.0	23039164	101.6	19130.0			

*MDPE, LSZH sheath is available if required.