

Medium Voltage Cables

6/10(12)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 :	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, 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)			
25	6.0	3.4	13039023	41.6	2045.0	13039009	50.0	4415.0	13039142	47.0	3055.0			
35	7.0	3.4	14039023	44.0	2435.0	14039009	52.4	4940.0	14039142	49.1	3480.0			
50	8.4	3.4	15039023	47.3	2915.0	15039009	56.0	5640.0	15039142	52.8	4095.0			
70	10.0	3.4	16039023	51.0	3670.0	16039009	60.0	6610.0	16039142	56.6	4965.0			
95	11.6	3.4	17039023	54.8	4610.0	17039009	63.5	7730.0	17039142	60.3	5970.0			
120	13.0	3.4	18039023	58.0	5445.0	18039009	67.0	8780.0	18039142	63.8	6915.0			
150	14.6	3.4	19039023	61.7	6400.0	19039009	70.6	9975.0	19039142	67.6	7975.0			
185	16.2	3.4	20039023	65.4	7620.0	20039009	74.7	11410.0	20039142	71.4	9315.0			
240	18.4	3.4	21039023	70.5	9475.0	21039009	81.5	14540.0	21039142	76.8	11370.0			
300	20.6	3.4	22039023	75.7	11475.0	22039009	86.7	16950.0	22039142	82.2	13545.0			
400	23.8	3.4	23039023	83.0	14215.0	23039009	94.4	20265.0	23039142	91.1	17380.0			

*MDPE, LSZH sheath is available if required.