

Medium Voltage Cables

8.7/15(17.5)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 :	8.7/15(17.5)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	4.5	13039027	46.8	2395.0	13039028	55.4	5045.0	13039029	52.1	3535.0
35	7.0	4.5	14039027	49.3	2800.0	14039028	57.8	5600.0	14039029	54.4	3990.0
50	8.4	4.5	15039027	52.6	3310.0	15039028	61.3	6315.0	15039029	58.0	4610.0
70	10.0	4.5	16039027	56.2	4090.0	16039028	65.0	7280.0	16039029	61.7	5480.0
95	11.6	4.5	17039027	60.0	5035.0	17039028	69.1	8525.0	17039029	65.8	6580.0
120	13.0	4.5	18039027	63.3	5890.0	18039028	72.6	9565.0	18039029	69.3	7550.0
150	14.6	4.5	19039027	66.9	6880.0	19039028	77.6	11665.0	19039029	73.0	8630.0
185	16.2	4.5	20039027	70.6	8110.0	20039028	81.4	13175.0	20039029	76.9	10000.0
240	18.4	4.5	21039027	75.7	10035.0	21039028	86.8	15510.0	21039029	82.3	12100.0
300	20.6	4.5	22039027	80.9	12080.0	22039028	92.3	17960.0	22039029	88.9	15145.0
400	23.8	4.5	23039027	88.3	14870.0	23039028	99.8	21340.0	23039029	96.5	18270.0

*MDPE, LSZH sheath is available if required.