

Medium Voltage Cables

6/10(12)kV 3-Core

XLPE Insulated, Unarmoured & Armoured, PVC Sheathed Cable

Description: AL/XLPE/CTS/PVC or AL/XLPE/CTS/PVC/SWA/PVC-AT or AL/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 aluminium 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	13039023A	41.6	1560.0	13039009A	50.0	3940.0	13039142A	47.0	2570.0
35	7.0	3.4	14039023A	44.0	1770.0	14039009A	52.4	4285.0	14039142A	49.1	2820.0
50	8.4	3.4	15039023A	47.3	2040.0	15039009A	56.0	4765.0	15039142A	52.8	3225.0
70	10.0	3.4	16039023A	51.0	2410.0	16039009A	60.0	5355.0	16039142A	56.6	3710.0
95	11.6	3.4	17039023A	54.8	2860.0	17039009A	63.5	5975.0	17039142A	60.3	4225.0
120	13.0	3.4	18039023A	58.0	3250.0	18039009A	67.0	6580.0	18039142A	63.8	4715.0
150	14.6	3.4	19039023A	61.7	3700.0	19039009A	70.6	7265.0	19039142A	67.6	5260.0
185	16.2	3.4	20039023A	65.4	4230.0	20039009A	74.7	8025.0	20039142A	71.4	5920.0
240	18.4	3.4	21039023A	70.5	5030.0	21039009A	81.5	10080.0	21039142A	76.8	6915.0
300	20.6	3.4	22039023A	75.7	5885.0	22039009A	86.7	11365.0	22039142A	82.2	7955.0
400	23.8	3.4	23039023A	83.0	7075.0	23039009A	94.4	13110.0	23039142A	91.1	10230.0

*MDPE, LSZH sheath is available if required.