

Medium Voltage Cables

12/20(24)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 : 12/20(24)kV, 12.7/22(24)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)
35	7.0	5.5	14039034A	53.9	2480.0	14039036A	62.8	5620.0	14039044A	59.6	3850.0
50	8.4	5.5	15039034A	57.1	2790.0	15039036A	66.4	6115.0	15039044A	63.1	4280.0
70	10.0	5.5	16039034A	60.8	3215.0	16039036A	70.0	6770.0	16039044A	66.8	4785.0
95	11.6	5.5	17039034A	64.8	3720.0	17039036A	73.9	7470.0	17039044A	70.6	5390.0
120	13.0	5.5	18039034A	68.1	4155.0	18039036A	79.0	9060.0	18039044A	74.1	5945.0
150	14.6	5.5	19039034A	71.7	4650.0	19039036A	82.6	9800.0	19039044A	77.9	6540.0
185	16.2	5.5	20039034A	75.4	5240.0	20039036A	86.5	10710.0	20039044A	81.9	7290.0
240	18.4	5.5	21039034A	80.6	6130.0	21039036A	91.9	12025.0	21039044A	88.6	9190.0
300	20.6	5.5	22039034A	85.5	7035.0	22039036A	97.2	13330.0	22039044A	93.8	10330.0
400	23.8	5.5	23039034A	92.9	8320.0	23039036A	104.9	15185.0	23039044A	101.6	11990.0

*MDPE, LSZH sheath is available if required.