

Medium Voltage Cables

3.6/6(7.2)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 : 3.6/6(7.2)kV, 3.8/6.6(7.2)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	2.5	13039018A	37.6	1340.0	13039006A	44.7	3065.0	13039163A	42.7	2220.0
35	7.0	2.5	14039018A	40.1	1535.0	14039006A	48.3	3795.0	14039131A	45.3	2500.0
50	8.4	2.5	15039018A	43.4	1795.0	15039006A	51.6	4235.0	15039163A	48.6	2830.0
70	10.0	2.5	16039018A	47.0	2140.0	16039006A	55.6	4790.0	16039163A	52.5	3285.0
95	11.6	2.5	17039018A	50.7	2545.0	17039006A	59.2	5435.0	17039163A	56.2	3780.0
120	13.0	2.5	18039018A	54.0	2915.0	18039006A	63.0	6045.0	18039163A	59.9	4290.0
150	14.6	2.5	19039018A	57.7	3355.0	19039006A	67.0	6700.0	19039163A	63.7	4845.0
185	16.2	2.5	20039018A	61.5	3860.0	20039006A	70.5	7405.0	20039163A	67.5	5445.0
240	18.4	2.6	21039018A	67.1	4700.0	21039006A	76.3	8610.0	21039163A	73.2	6450.0
300	20.6	2.8	22039018A	73.1	5620.0	22039006A	84.1	10900.0	22039163A	79.5	7585.0
400	23.8	3.0	23039018A	81.6	6925.0	23039006A	93.0	12885.0	23039163A	89.6	10025.0

*MDPE, LSZH sheath is available if required.