

Flame Retardant Variable Speed Drive Cables

600/1000V 3 Phase-Core + 3 Earth-Core
XLPE Insulated, Copper Tape Screen, Unarmoured & Armoured, LSZH Sheathed Cable
CU/XLPE/LSZH/CTS/LSZH or CU/XLPE/LSZH/CTS/SWA/LSZH
Model Code: XLCTL or XLCTLSL



Application :	For applications that require electromagnetic compatibility (EMC) to supply motors from variable speed controllers in fixed installation, suitable for variable speed drive equipment or other applications requiring screened cables
Construction :	Plain annealed copper wire, XLPE insulation, copper tape screen, unarmoured or galvanized steel wire armoured, LSZH bedding & sheathed cable
Insulation Colour :	Phase-Core: Brown, Black, Grey Earth-Core: Green/Yellow
Sheath Colour :	Black
Operating Temperature :	90°C

Standard Reference IEC 60502-1, IEC 60228

Flame Retardant Ref. IEC 60332-3, IEC 60754, IEC 61034

Phase-Core			Earth-Core	Unarmoured			Armoured		
Nominal Area	Conductor Dia.	Core Thickness	Combined Area	Part No.	Approx. Overall Dia.	Approx. Weight	Part No.	Approx. Overall Dia.	Approx. Weight
(mm ²)	(mm)	(mm)	(mm ²)		(mm)	(kg/km)		(mm)	(kg/km)
3CORE+3E Class 2 (Fixed)									
1.5	1.59	0.7	4.5 (3 x 1.5)		16.5	346		22.0	847
2.5	2.01	0.7	4.5 (3 x 1.5)		17.2	389		22.5	915
4	2.55	0.7	4.5 (3 x 1.5)		18.0	450		23.6	1000
6	3.12	0.7	7.5 (3 x 2.5)		19.5	566		25.0	1155
10	4.05	0.7	12 (3 x 4)		22.2	781		28.5	1593
16	5.10	0.7	18 (3 x 6)		24.5	1058		31.0	1966
25	6.15	0.9	18 (3 x 6)		27.5	1381		34.0	2382
35	7.30	0.9	18 (3 x 6)		29.2	1694		36.0	2772
50	8.50	1.0	30 (3 x 10)		32.5	2248		40.0	3753
70	10.1	1.1	48 (3 x 16)		37.8	3178		45.2	4894
95	11.8	1.1	48 (3 x 16)		41.0	4169		48.4	6024
120	13.0	1.2	75 (3 x 25)		46.0	5312		54.5	7881
150	14.4	1.4	75 (3 x 25)		49.0	6266		58.0	9049
185	16.2	1.6	105 (3 x 35)		54.5	8045		64.0	11190
240	18.8	1.7	150 (3 x 50)		62.2	10649		71.8	15055
300	21.3	1.8	150 (3 x 50)		66.5	12610		76.0	17320
3CORE+3E Class 5 (Flexible)									
1.5	1.57	0.7	4.5 (3 x 1.5)		17.0	343		22.5	845
2.5	2.04	0.7	4.5 (3 x 1.5)		17.5	387		23.0	913
4	2.6	0.7	4.5 (3 x 1.5)		18.5	449		24.0	999
6	3.5	0.7	7.5 (3 x 2.5)		20.5	581		26.0	1193
10	4.6	0.7	12 (3 x 4)		23.4	805		29.5	1655
16	5.7	0.7	18 (3 x 6)		26.6	1096		32.5	2062
25	7.1	0.9	18 (3 x 6)		30.0	1421		35.5	2500
35	8.5	0.9	18 (3 x 6)		32.0	1753		37.5	2911
50	10.2	1.0	30 (3 x 10)		36.5	2416		43.5	4073
70	12.0	1.1	48 (3 x 16)		42.2	3377		48.8	5258
95	13.9	1.1	48 (3 x 16)		45.5	4280		52.2	6315
120	15.5	1.2	75 (3 x 25)		51.8	5450		59.5	8299
150	17.6	1.4	75 (3 x 25)		56.2	6558		64.0	9710
185	19.5	1.6	105 (3 x 35)		62.5	8341		71.0	11863
240	22.4	1.7	150 (3 x 50)		71.0	11157		80.5	16141
300	25.1	1.8	150 (3 x 50)		75.8	13124		85.0	18407