



Control Cable

Halogen Free, Screened Control Cable 0.6/1 kV 90°C

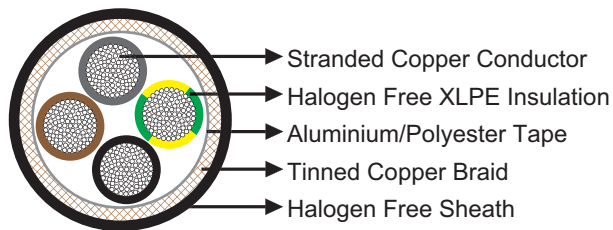
» Application

These halogen-free, flame retardant cables are designed for frequency converter controlled AC drives, suitable for fixed installation and occasional free flexing indoors in dry, damp and wet conditions, as well as outdoors for low mechanical stress.

» Standards

DIN VDE 0250
IEC 60092-353

» Construction



Conductor: Stranded bare copper, class 5 according to DIN VDE 0295/IEC 60228.

Protective Conductor: Stranded bare copper, class 5 according to DIN VDE 0295/IEC 60228. For cross sections > 16mm² the protective conductor is divided into 3 cores.

Insulation: Halogen free special XLPE according to IEC 60502-4.

Screen: Al coated tape + tinned copper wires braid.

Sheath: Halogen free compound HM4. Halogen free PUR can be offered upon request.

» Technical Data

Rated Voltage U ₀ /U (Um)	600/1000V
Operating Temperatures	-5°C~+90°C
Minimum Bending Radius	flexing: 20×OD; fixed: 10×OD
Flame Retardant	IEC 60332-3
Halogen Free	IEC 60754
Gases Corrosively	IEC 60754
Ozone Resistant	Yes
UV Resistant	Yes



Caledonian Windmill Cables

Control Cable

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
4×1.5	11.0	230
4×2.5	12.5	300
4×4	15.5	390
4×6	17.5	420
4×10	19.5	780
3×16+3×2.5	22.5	820
3×25+3×4	26.0	1150
3×35+3×6	29.5	1550
3×50+3×10	35.0	2400
3×70+3×10	38.5	3100
3×95+3×16	44.0	4200
3×120+3×16	48.0	4630
3×150+3×25	53.0	5880
3×185+3×35	58.0	7200
3×240+3×50	66.0	9600
3×300+3×50	73.0	11530

