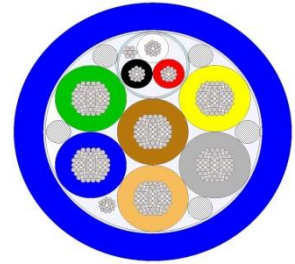


CRE16425-1



Issue	Date	Approved	Note
1	31/08/16	PM	Initial release
2	27/11/18	KD	Changed to Screened 0.5mm ² Triple

DESCRIPTION

Composite Cable for use in Marine applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
2.50 mm ² Power Cores	6	50/0.25mm TC	7.98	29.7	3.60mm
0.50 mm ² Screened Pairs	3	16/0.20mm TC	39.5	6.1	1.60mm

CONSTRUCTION

0.50mm² Screened Twisted Triple

Colours	White, Red, Black
Insulation	HDPE
Insulation Diameter	1.60mm Nominal
Drainwire	0.34mm ² 7/0.25mm Tinned Copper
Foil Screen	Aluminium / Polyester Laminate >100% Coverage
Isolation	Bonded Polyester Tape

2.50mm² Power Cores

Colours	Yellow, Grey, Orange, Blue, Green, Brown
Insulation	HDPE
Insulation Diameter	3.60mm Nominal

Cable Assembly

Cable Lay-up	1 x 0.50mm ² Screened Triple + 5 x 2.50mm ² Power Cores cabled around a central 2.50mm ² Power Core with fillers as required.
Drainwire	16/0.2mm TC - 0.50mm ²
Foil Screen	Aluminium Polyester laminate >100% Coverage
Outer Sheath	LSOH Polyurethane
Colour	Blue
Radial Wall Thickness	1.5mm nominal
Diameter	14.0mm +/-0.4mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	292 Kgs/Km
Cable Weight in Water	138 Kgs/Km
Bend Radius Static	6X Diameter
Bend Radius Dynamic	12X Diameter