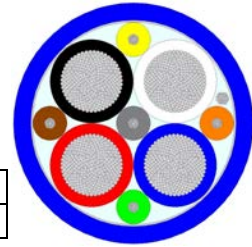


CRE17502



Issue	Date	Approved	Note
1	17/05/17	KD	Initial release

DESCRIPTION

Low Voltage Power, Signal 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]
1.00 mm ² Signal Cores	5	32/0.2mm TC	22.0	20.0	3.96mm
25.00 mm ² Power Cores	4	196/0.4mm TC	0.78	265.2	9.60mm

1.00mm² Signal Cores

Colours	Yellow, Orange, Green, Brown, Grey
Insulation	HDPE
Radial	1.34mm
Insulation Diameter	3.96mm Nominal

25.00mm² Power Cores

Colours	White, Blue, Red, Black
Insulation	HDPE
Radial	1.2mm
Insulation Diameter	9.60mm Nominal

Cable Assembly

Cable Lay-up	4x1.00mm ² Signal Cores cabled into the interstice of the 4x25.00mm ² Power cores around a central 1.0mm ² signal core.
Barrier	Polyester tape >100% Coverage
Drainwire	30/0.25mm Tinned Copper
Screen	Aluminium Polyester Laminate > 100% Coverage
Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	2.00mm nominal
Diameter	27.3mm +/-0.5mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	1375 Kgs/Km
Cable Weight in Water	770 Kgs/Km
Bend Radius Static	7X Diameter
Bend Radius Dynamic	15X Diameter