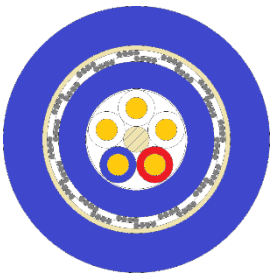
CRE13079



Issue	Date	Approved	Note
1	02/07/13	CRS	Initial release

DESCRIPTION

Bespoke 5 core cable for use in marine applications.

Product Details

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.5sqmm Insulated Core	5	16/0.2mm TC	38	5.9	1.55

CONSTRUCTION

0.5mm² Cores

Colours	1 x Blue, 1 x Red, 3 x White
Insulation	High Density Polyethylene
Insulation Diameter	1.55mm

Cable Assembly

Central Filler	Solid type
Cable Layer 1	Blue, Red & 3x White Left Hand Lay
Binder	Polyester Tape 100% Coverage
Bedding layer	Polyurethane 85 Shore 'A' Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.10mm nominal
Armour	Galvanised steel wire braid, >80% coverage
Barrier tape	Polyester fibre
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.8mm nominal
Diameter	11.3mm +/-0.2mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	167 Kgs/Km
Cable Weight in Water	67Kgs/Km
Voltage rating	300/500V
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter

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