

CRE19727



Issue	Date	Approved	Note
1	09/05/19	KD	Initial release

DESCRIPTION

Multi-pair data 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]
0.5mm ² Insulated Core	16	16/0.2mm TC	40.0	6.05	1.60mm

0.50mm² TSP's

Conductor	Tinned copper to IEC60228 Class 5
Pair Colours	See Table
Insulation	HDPE
Radial	0.35mm
Insulation Diameter	1.60mm Nominal
Drainwire	0.34mm ² 7/0.25mm Tinned Copper
Foil Screen	Aluminium / Polyester tape >100% coverage
Barrier	Bonded polyester tape

Pair No:	A – wire	B – wire
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green

Cable Assembly

Central Strength Member	Braided Vectran with High Density Polyethylene Jacket. SWL = 150Kgs
Diameter	4.6mm nominal
Cable Lay-Up	8 x 0.5mm ² Screened pairs cabled around central strength member to form a circular profile.
Separation	Polyester fibre tape
Bedding	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Thickness	1.0mm nominal
Braided Screen	0.15mm Tinned Copper
Optical Coverage	>70%
Separation	Polyester fibre tape
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue
Radial Wall Thickness	1.5mm nominal
Diameter	16.2mm +/-0.5mm

CABLE CHARACTERISTICS

Cable Weight in Air	320 Kg/Km
Cable Weight in Water	111 Kg/Km
Operating Temperature	-40°C to +80°C
Bend Radius Static	6 x Diameter
Bend Radius Dynamic	12 x Diameter

ENVIRONMENTAL

RoHS Compliant	Yes
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