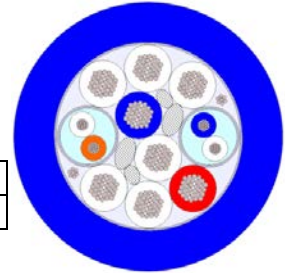


# CRE13086-2



Issue	Date	Approved	Note
2	05/05/16	PM	Upgrade to 6K Depth rating

## DESCRIPTION

Bespoke 8 x 1.5sqmm core and 2 x Ethernet TSP's cabled 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]
0.24sqmm Insulated Core	4	19/0.127 mm TC	84.1	3.2	1.28
1.5 sqmm insulated core	8	30/0.25mm TC	13.3	16.3	2.40

## CONSTRUCTION

### 0.24mm<sup>2</sup> Ethernet Pairs

Colours	1 x Blue, 1 x Red, 2 x White
Insulation	High Density Polyethylene
Insulation Diameter	1.28mm
Bedding	Hot melt encapsulate
Screen	Aluminium/Polyester Foil, >100% coverage

### 1.5mm<sup>2</sup> Cores

Colours	1 x Blue, 1 x Red, 6 x White
Insulation	High Density Polyethylene
Insulation Diameter	2.40mm

### Cable Assembly

Cable Lay-up	2 x 1.5mm <sup>2</sup> centrally positioned with 6 x 1.5mm <sup>2</sup> and 2 x 0.24mm <sup>2</sup> TSPs with 2 x 0.22mm <sup>2</sup> drain wires cabled around with fillers as required to achieve a concentric construction
Foil Screen	Aluminium Polyester Tape >100% Coverage
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	2.1 mm nominal
Diameter	13.6mm +/-0.3mm
Print	Black ink jet print as per customer requirement.

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	258 Kgs/Km
Cable Weight in Water	110 Kgs/Km
Voltage rating	300/500V