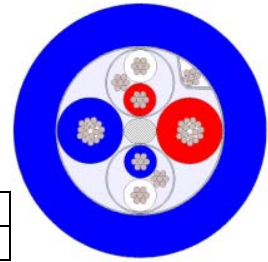


# CRE14234



Issue	Date	Approved	Note
1	26/09/14	PM	Initial release

## DESCRIPTION

Bespoke 2 x 0.5sqmm core and 2 x 0.22sqmm 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]
0.22sqmm Insulated Core	4	7/0.2 mm TC	84.8	2.6	1.05
0.5 sqmm insulated core	2	16/0.2mm TC	38.0	11.5	2.1

## CONSTRUCTION

### 0.22mm<sup>2</sup> TSP's

Colours	White / Blue, White / Red
Insulation	High Density Polyethylene
Insulation Diameter	1.05mm
Drainwire	0.22mm <sup>2</sup> stranded tinned copper
Screen	Aluminium/Polyester Foil, >100% coverage
Isolation	Bonded Polyester tape

### 0.5mm<sup>2</sup> Cores

Colours	Blue, Red
Insulation	High Density Polyethylene
Insulation Diameter	2.10mm

### Cable Assembly

Cable Layer 1	2 x 0.22mm <sup>2</sup> TSPs + 2 x 0.5mm <sup>2</sup> cores cabled around central filler
Screen	Aluminium Polyester Tape 100% Coverage
Drainwire	0.22mm <sup>2</sup> Tinned Copper
Barrier	Polyester Fibre Tape
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.3 mm nominal
Diameter	8.0mm +/-0.3mm
Print	None.

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	72 Kgs/Km
Cable Weight in Water	21 Kgs/Km
Voltage rating	300/500V