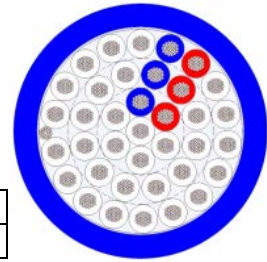


# CRE14231



Issue	Date	Approved	Note
1	05/09/14	PM	Initial release

## DESCRIPTION

Bespoke multicore cable for use in subsea applications.

## Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [ $\Omega$ /Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.75sqmm Insulated Core	37	24/0.2mm TC	25.2	8.8	1.9mm

## CONSTRUCTION

### 0.75mm<sup>2</sup> Cores

Colours 3 x Blue, 3 x Red, 31 x White  
 Insulation High Density Polyethylene  
 Insulation Diameter 1.9mm

### Cable Assembly

Cable Layer 1 Blue, Red 5 x White Left Hand Lay  
 Cable Layer 2 Blue, Red + 10 White Right Hand Lay  
 Cable Layer 3 Blue, Red + 16 White Left Hand Lay  
 Drain wire 0.50mm<sup>2</sup> Tinned Copper  
 Screen Aluminium Polyester Foil > 100% Coverage  
 Outer Sheath HF Polyurethane 85 Shore A Hardness  
 Colour Blue - RAL5015  
 Radial Wall Thickness 1.60mm nominal  
 Diameter 16.7mm +/-0.3mm

## CABLE CHARACTERISTICS

Operating Temperature -40°C to +80°C  
 Cable Weight in Air 436 Kgs/Km  
 Cable Weight in Water 213 Kgs/Km  
 Bend Radius Static 5X Diameter  
 Bend Radius Dynamic 10X Diameter