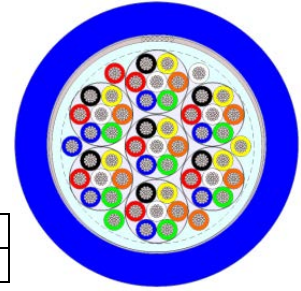


# CRE16390



Issue	Date	Approved	Note
1	29/04/16	PM	Initial release

## DESCRIPTION

Multiway construction 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]
0.24 mm <sup>2</sup> Insulated Cores	55	19/0.127mm TC	85.0	2.68	1.10 mm

## CONSTRUCTION

### 0.24mm<sup>2</sup> Insulated Cores

Colours (White, Yellow, Orange, Green, Blue, Red) x 8 off, Black x 7 off  
 Insulation Polypropylene  
 Insulation Diameter 1.00mm Nominal

### Cable Assembly

Sub Unit x 7 off 7 x 0.24mm<sup>2</sup> cabled to form a concentric profile, the central unit will be wrapped with a water block tape.  
 Cable Layer 1 7 off above sun units cabled together with a single 0.24mm<sup>2</sup> core layed into the interstice of each sub unit in the outer layer, the cable assembly will be wrapped with a binder to maintain form.  
 Cable Diameter 9.3mm Nominal  
 Water block Hot melt encapsulate  
 Diameter 9.9mm Nominal  
 Drainwire 7/0.2mm TC  
 Foil Screen Aluminium Polyester tape wrap  
 Outer Sheath HF Polyurethane 85 Shore A Hardness  
 Colour Blue - RAL5015  
 Radial Wall Thickness 1.50mm nominal  
 Diameter 12.9mm +/-0.5mm

## CABLE CHARACTERISTICS

Operating Temperature -40°C to +80°C  
 Cable Weight in Air 247 Kgs/Km  
 Cable Weight in Water 116 Kgs/Km  
 Bend Radius Static 6X Diameter  
 Bend Radius Dynamic 12X Diameter  
 Depth Rating 3000 Metres