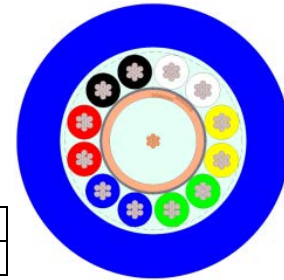


# CRE15349



Issue	Date	Approved	Note
1	03/11/15	PM	Initial release

## DESCRIPTION

Bespoke multicore camera composite cable for use in subsea applications.

## Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nom Diameter [mm]
0.34sqmm Insulated Core	12	7/0.25mm TC	56	4.3	1.4
RG59h 75 Ohm Coaxial	1	7/0.2mm BC	76	10.8	3.5

## CONSTRUCTION

### **0.34mm<sup>2</sup> Cores [12 off]**

Colours x 2 White, Yellow, Green, Blue, Red, Black  
 Insulation High Density Polyethylene  
 Insulation Diameter 1.40mm

### **75 Ohm RG59h Coaxial**

Core colour Natural  
 Insulation Polyethylene  
 V of P % 67%  
 Dielectric diameter 3.5mm  
 Braided Screen 0.15mm BC >95% optical coverage  
 Foil Screen Aluminium Polyester  
 Isolation Bonded Polyester  
 Diameter 4.3mm nominal

### **Cable Assembly**

Cable Central RG59h with 12 x 0.34mm<sup>2</sup> cores to achieve concentric profile  
 Water block Bedding Hot Melt Encapsulate  
 Diameter 7.5mm Nominal  
 Outer Sheath Polyurethane 85 Shore 'A' Hardness  
 Colour Blue - RAL5015  
 Radial Wall Thickness 1.75mm nominal  
 Diameter 11.0mm +/-0.3mm

## CABLE CHARACTERISTICS

Operating Temperature -40°C to +80°C  
 Cable Weight in Air 152 Kgs/Km  
 Cable Weight in Water 57 Kgs/Km  
 Bend Radius Static 5X Diameter  
 Bend Radius Dynamic 10X Diameter