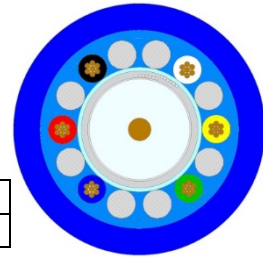


# CRE19757



Issue	Date	Approved	Note
1	22/08/19	KD	Initial release

## DESCRIPTION

Video composite cable for use in marine applications.

## Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nom Diameter [mm]
0.34mm <sup>2</sup> Insulated Cores	6	7/0.25mm BC	53	4.3	1.3
75 Ohm RG6Type	1	1/1.0mm BC	23	11.9	4.60

## CONSTRUCTION

### 0.34mm<sup>2</sup> Cores

Colours	White, Yellow, Green, Blue, Red, Black
Insulation	Polypropylene
Insulation Diameter	1.3mm nominally

### 75 Ohm RG6 coax

Core colour	Natural
Insulation	Cellular Polyethylene
Dielectric diameter	4.6mm
Foil Screen	Aluminium / Polyester / Aluminium laminate
Braided Screen	Aluminium braid >90% optical coverage
Foil Screen	Aluminium / Polyester laminate
Isolation	Bonded Polyester
Diameter	6.3mm nominally

### Cable Assembly

Cable Layer 1	6 x 0.34mm <sup>2</sup> singles cabled around a central RG6 to achieve circular profile. Additional fillers added as required.
Hot Melt Bedding Layer	TPE
Diameter	10.2mm nominal
Outer Sheath	Cross-linked Mud Resistant HFFR SHF2
Colour	Blue - RAL5015
Radial Wall Thickness	1.5mm nominal
Diameter	13.2mm +/-0.5mm

## CABLE CHARACTERISTICS

Cable Weight in Air	204 Kg/Km
Cable Weight in Water	66 Kgs/Km
Bend Radius Static	5 X Diameter
Bend Radius Dynamic	10 X Diameter

## ELECTRICAL DATA@20°C (Nominal Values)

Impedance	75Ω
Capacitance	53pF/m
V/P	84%
Attenuation (470MHz)	13.9dB/100m
(1000 Mhz)	21.3dB/100m
(3000 Mhz)	40.5dB/100m