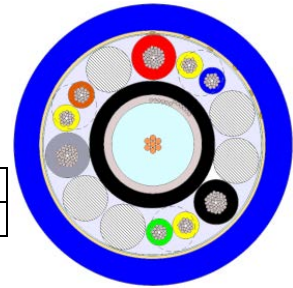


CRE18595



Issue	Date	Approved	Note
1	21/03/2018	KD	Initial release

DESCRIPTION

Power, signal & video cable for use in Marine applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Nominal DCR @ 20oC [Ω /Km]	Weight Kgs/Km]	Nominal Diameter [mm]
0.5mm ² Insulated Cores	6	16/0.2mm TC	40	5.76	1.50mm
1.0mm ² Insulated Cores	3	32/0.2mm TC	20	12.80	2.50mm

CONSTRUCTION

0.5mm² Twisted Pairs

Colours Yellow/Blue, Yellow/Green, Yellow/Orange
 Insulation High Density Polyethylene
 Insulation Diameter 1.50mm

1.0mm² Power Cores

Colours Red, Black, Grey
 Insulation High Density Polyethylene
 Insulation Diameter 2.50mm

Video Coax

Description Belden 1694F Low-loss series digital coax
 Impedance 75 Ohm Nominal
 Diameter 7.0mm Nominal

Cable Assembly

Layup 3 x 1.0mm² Power Cores with 3 x 0.5mm² Twisted Pairs cabled around a central B1694F type coax. Additional fillers used as required forming a concentric assembly.
 Braided Vectran Strain Relief >800Kgs Breaking Strain & 250 Kgs Safe Working Load
 Outer jacket Polyurethane 85 Shore 'A' Hardness
 Colour Blue
 Radial Wall Thickness 1.35mm nominal
 Diameter 15.5mm +/-0.5mm

CABLE CHARACTERISTICS

Operating Temperature -40°C to +80°C
 Cable Weight in Air 255 Kgs/Km
 Cable Weight in Seawater 64 Kgs/Km
 Bend Radius
 Static 10 x Diameter
 Dynamic 20 x Diameter

ENVIRONMENTAL

RoHS Compliant Yes