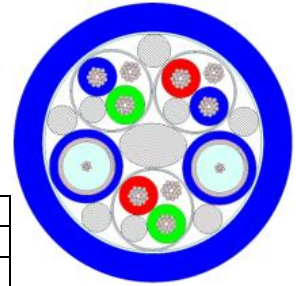


CRE14164



Issue	Date	Approved	Note
1	20/02/14	PM	Initial release
2	24/2/14	CRS	Cores were shown as 1.70mm dia

DESCRIPTION

Multipair screened camera composite cable for use in marine environments

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.5 sqmm insulated core	6	16/0.2mm TC	39	5.8	1.50
75 Ohm Mini coax	2	7/0.16mm TC	139	2.8	3.2

CONSTRUCTION

0.5mm² TSP

Colours	Blue/Green, Blue/Red, Green/Red
Insulation	HDPE
Insulation Diameter	1.50mm
Drainwire	16/0.2mm TC with fillers as required
Shield	>100% Aluminium Polyester Foil Screen
Isolation	>100% Adhesive polyester tape

75Ω Mini coax

Core colour	Natural
Insulation	Cellular Polyethylene
V of P %	78 %
Dielectric diameter	1.7mm
Braided Screen	0.1mm TC >95% optical coverage
Sheath	HDPE blue
Diameter	3.2mm nominally

Cable Assembly

Cable Layer 2	3 x 0.5mm ² TSP's & 2 x 75Ω mini coax cabled with fillers as required to form circular profile
Binder	>100% Coverage Polyester Tape
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Wall Thickness	1.7 mm nominal
Diameter	12.0mm +/-0.3mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	170 Kgs/Km
Cable Weight in Sea Water	55 Kgs/Km
RoHS compliant	