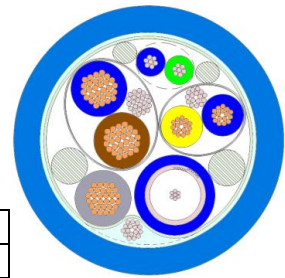


CRE13103



Issue	Date	Approved	Note
1	31/07/13	PM	Initial release

DESCRIPTION

Multipair screened camera composite cable for use in marine environments

Product Details

Component Description	Qty	Conductor Stranding	DCR @ 20°C [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.22sqmm Insulated Core	2	7/0.2 mm TC	85	2.8	1.20
0.5 sqmm insulated core	2	16/0.2mm TC	39	6.5	1.70
1.34 sqmm insulated core	3	30/0.24mm BC	14.2	14.3	2.10
75 Ohm Mini coax	1	7/0.16mm TC	139	2.8	3.2

CONSTRUCTION

0.22mm² TP

Colours	Blue, Green
Insulation	HDPE
Insulation Diameter	1.20mm

0.5mm² TSP

Colours	Yellow, Blue
Insulation	HDPE
Insulation Diameter	1.70mm
Drainwire	16/0.2mm TC with fillers as required
Shield	>100% Aluminium Polyester Foil Screen
Isolation	>100% Adhesive polyester tape

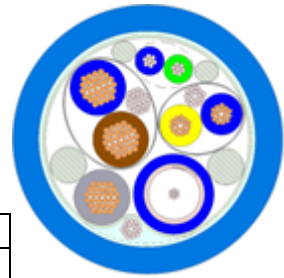
1.34mm² Core

Colours	Grey
Insulation	HDPE
Insulation Diameter	2.25mm

1.34mm² TSP

Colours	Blue, Brown
Insulation	HDPE
Insulation Diameter	2.10mm
Drainwire	16/0.2mm TC with fillers as required
Shield	>100% Aluminium Polyester Foil Screen
Isolation	>100% Adhesive polyester tape

CRE13103



Issue	Date	Approved	Note
1	20/08/13	PM	Initial release

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	1x 0.22mm ² TP , 1 x 0.5mm ² TSP , 1 x 1.34mm ² TSP, 1 x 1.34mm ² single & 1 x 75Ohm mini coax laid together along with water blocking swellable yarns to form circular profile
Binder	Water Blocking Swellable Tape 100% Coverage
Drainwire	16/0.2mm TC
Foil Screen	>100% Coverage Aluminium Polyester Foil
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Wall Thickness	1.2 mm nominal
Diameter	11.0mm +/-0.3mm
Print	Black ink jet print as per customer requirement on order

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	176 Kgs/Km
Cable Weight in Sea Water	80 Kgs/Km
RoHS compliant	