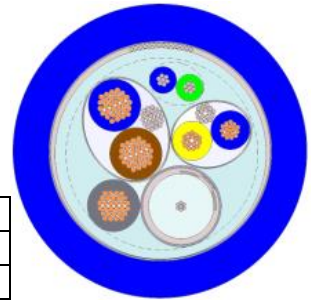


CRE13103-2



Issue	Date	Approved	Note
1	31/07/13	PM	Initial release
2	01/11/17	PM	Added Bedding Layer

DESCRIPTION

Depth tolerant multi-pair 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]
0.22sqmm 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
Mini RG59h	1	7/0.16mm TC	139	2.8	3.2

CONSTRUCTION

0.22mm² Pair

Colours	Blue, Green
Insulation	HDPE
Insulation Diameter	1.20mm

0.5mm² Twisted Screened Pair (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% Bonded polyester tape

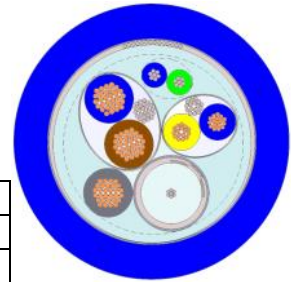
1.34mm² Core

Colours	Grey
Insulation	HDPE
Insulation Diameter	2.25mm

1.34mm² Twisted Screened Pair (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% Bonded polyester tape

CRE13103-2



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75Ω Mini RG59h coax

Core colour	Natural
Insulation	Polyethylene
V of P %	67 %
Dielectric diameter	2.65mm
Braided Screen	0.127mm TC >95% optical coverage
Foil Screen	>100% Aluminium Polyester Foil Screen
Isolation	>100% Bonded polyester tape

Cable Assembly

Cable Lay-up	1x 0.22mm ² pair , 1 x 0.5mm ² TSP , 1 x 1.34mm ² TSP, 1 x 1.34mm ² single & 1 x 75 Ω mini coax
Bedding Layer	Hot melt encapsulate
Drainwire	14 strands 0.2mm TC
Foil Screen	>100% Coverage Aluminium Polyester Foil
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Wall Thickness	1.5 mm nominal
Diameter	12.5mm +/-0.4mm
Print	Black ink jet print as per customer requirement on order

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	207 Kgs/Km
Cable Weight in Sea Water	81 Kgs/Km
Bend Radius Static	6X Diameter
Bend Radius Dynamic	12X Diameter