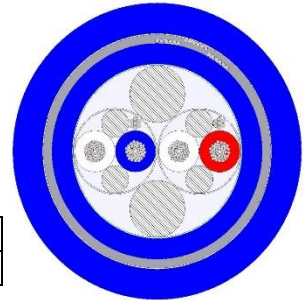


CRE17536



Issue	Date	Approved	Note
1	20/09/17	KD	Initial release

DESCRIPTION

2 Pair 1.0mm² cable with GSWB armour for use in Marine applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nom Dia [mm]
1.00mm ² Insulated Cores	4	32/0.2mm TC	19.5	12.4	2.4

CONSTRUCTION

1.00mm² TSP's

Insulation	High Density Polyethylene
Insulation Diameter	2.4mm
Colours	White/Blue, White/Red
Drainwire	0.34mm ² Tinned Copper
Screen	Aluminium Polyester Foil
Isolation	Bonded Polyester

Cable Assembly

Lay Up	2 x 1.0mm ² TSP's cabled together with HF fillers as required
Lay Direction	Left Hand Lay
Isolation	Polyester Tape
Bedding	HF Polyurethane 85 Shore 'A' Hardness
Bedding Wall Thickness	1.2mm nominal
Diameter	12.3mm Nominal
Armour	Galvanised Steel Wire Braid (GSWB)
Optical Coverage	>80%
Separation	Polyester fibre tape
Outer Sheath	HF Polyurethane 85 Shore 'A' Hardness
Colour	Blue (RAL5015) or other per customer requirement
Radial Wall Thickness	1.8mm nominal
Diameter	17.00mm +/- 0.5mm
Print Legend	As per customer requirement

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	332 Kgs/Km
Cable Weight in Sea Water	101 Kgs/Km
Bend Radius Static	6 X Diameter
Bend Radius Dynamic	10 X Diameter