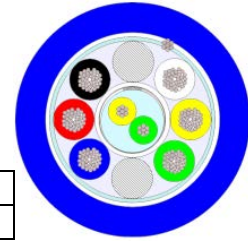


# CRE15332



Issue	Date	Approved	Note
1	26/02/16	PM	Initial release

## DESCRIPTION

Multiway 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]
0.34sqmm Insulated Core	2	7/0.25 mm TC	55	4.4	1.65
1.00 sqmm insulated core	6	32/0.2mm TC	99	12.5	2.40

## CONSTRUCTION

### 0.34mm<sup>2</sup> Encapsulated Data Pair

Colours	Yellow, Green
Insulation	Cellular polyolefin
Insulation Diameter	1.65mm Nominal
Component Bedding	Olefinic based hot melt encapsulate
Component Diameter	3.70mm Nominal
Drainwire	0.14mm <sup>2</sup> Tinned Copper
Foil Screen	Aluminium Polyester Tape >100% Coverage
Isolation	Bonded Polyester tape
Water block	Water swellable tape

### 1.00mm<sup>2</sup> Cores

Colours	White, Yellow, Green, Blue, Red, Black
Insulation	HDPE
Insulation Diameter	2.1mm

### Cable Assembly

Cable Layer 1	6 x 1.00mm <sup>2</sup> with fillers as required around the 0.34mm <sup>2</sup> Encapsulated Data
Drainwire	16/0.2mm TC
Foil Screen	>100% Coverage Aluminium Polyester Foil
Water block	Water swellable tape
Binder	Polyester Tape 100% Coverage
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue - RAL5015 or other colour as required
Radial Wall Thickness	1.8 mm nominal
Diameter	13.2mm +/-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	136 Kgs/Km
Cable Weight in Sea Water	72 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter

## RoHS Compliant