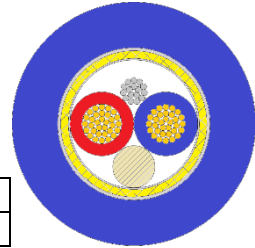


# CRE14155



Issue	Date	Approved	Note
1	07/01/14	CRS	Initial release

## DESCRIPTION

1.00 mm<sup>2</sup> twisted pair cable for signal / diver monitoring with braided strength member. [Version of braided DD13153 & DD13118]

## Product Details

Component Description	Qty	Conductor Stranding	Nom DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
1.0 sqmm Insulated Core	2	32/0.2mm BC	19.0	11.5	2.1mm

## CONSTRUCTION

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

Colours	Blue/Red Pair with Fillers as required
Insulation	High Density Polyethylene
Drainwire	16/0.2mm TC
Foil Screen	Aluminium Polyester Foil >100% Coverage
Strength member	Braided aramid type
Breaking strain	>300 kg
Separator tape	Fibrillated polyester
Diameter	5.0mm Nominal

### Cable

Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015 or other colour as required
Radial Wall Thickness	1.50mm nominal
Diameter	8.0mm +/-0.3mm

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	70 Kgs/Km
Cable Weight in Water	20 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter
Breaking strain	>300kg