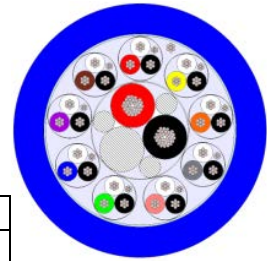


CRE15279



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

DESCRIPTION

Bespoke multicore interconnect cable for data communications and power used in subsea and similar applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Nominal DCR @ 20oC [Ω/Km]	Weight Kgs/Km]	Nominal Diameter [mm]
1.00 sqmm Insulated Core	2	32/0.2mm TC	18.8	13.7	2.70mm
0.22 sqmm insulated core	27	7/0.2mm TC	89.2	2.9	1.20mm

CONSTRUCTION

1.00mm² Cores

Colours	Red, Black
Insulation	High Density Polyethylene
Insulation Diameter	2.70 mm

ITEM	COLOUR 1	COLOUR 2	COLOUR 3
1	WHITE	BLACK	YELLOW
2	WHITE	BLACK	ORANGE
3	WHITE	BLACK	GREY
4	WHITE	BLACK	PINK
5	WHITE	BLACK	GREEN
6	WHITE	BLACK	BLUE
7	WHITE	BLACK	VIOLET
8	WHITE	BLACK	BROWN
9	WHITE	BLACK	RED

0.22mm² Twisted Screened Triples (TST's)

Colours	see table
Insulation	High Density Polyethylene
Insulation Diameter	1.2 mm
Drainwire	0.14mm ² Tinned Copper
Foil Screen	Aluminium / Polyester tape > 100% Coverage
Isolation	Bonded Polyester Tape

Cable Assembly

Construction	9 x 0.22mm ² TST's cabled around 2 x 1.00mm ² with filers as required.
Lay direction	Left Hand
Drainwire	1 x 0.22mm ² Tinned Copper
Screen	Aluminium Polyester Foil 100% Coverage
Outer jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Wall Thickness	1.8mm nominal
Diameter	15.0mm +/-0.5mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	258 Kgs/Km
Cable Weight in Seawater	79 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter

RoHS Compliant