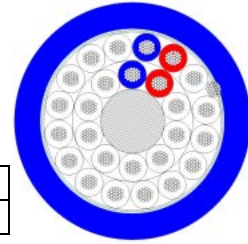


CRE18672



Issue	Date	Approved	Note
1	22/11/18	KD	Initial release

DESCRIPTION

Bespoke multicore cable for use in subsea applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
1.0mm ² Insulated Core	26	32/0.2mm TC	19	11.8	2.20mm

CONSTRUCTION

1.0mm² Cores

Colours	2 x Blue, 2 x Red, 22 x White
Insulation	High Density Polyethylene
Radial Thickness	0.45mm
Insulation Diameter	2.20mm

Cable Assembly

Central Filler	Solid LSOH
Cable Layer 1	Blue, Red + 8 White Right Hand Lay
Cable Layer 2	Blue, Red + 14 White Left Hand Lay
Binder	Polyester Tape 100% Coverage
Drain wire	1.0mm ² Tinned Copper
Screen	Aluminium Polyester Foil > 100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.80mm nominal
Diameter	17.8mm +/-0.5mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	457 Kgs/Km
Cable Weight in Water	205 Kgs/Km
Bend Radius Static	5 x Diameter
Bend Radius Dynamic	10 x Diameter

ENVIRONMENTAL

RoHS Compliant	Yes
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