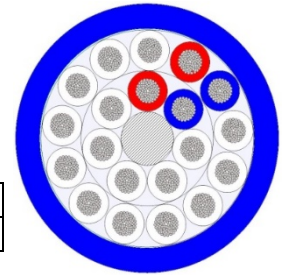


CRE19754



Issue	Date	Approved	Note
1	13/08/19	KD	Initial release

DESCRIPTION

Bespoke power cable for use in marine applications

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	DCR @ 20oC [Ω/Km] Nom'	Weight [Kgs/Km]	Nominal Diameter [mm]
4.0mm ² Insulated Core	20	56/0.3mm TC	4.95	44.90	4.10mm

CONSTRUCTION

4.00mm²

Insulation	XLPE
Radial Thickness	0.76mm nominal
Insulation Diameter	4.10mm
Colours	16 x White, 2 x Red, 2 x Blue

Cable Assembly

Central Filler	Solid
Cable Layer 1	5 x White, Red, Blue, Right Hand Lay
Binder	Polyester Binder
Cable Layer 2	11 x White, Red, Blue, Left Hand Lay
Binder	Polyester Tape >100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	2.50mm nominal
Diameter	27.0mm +/-0.5mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	1160 Kgs/Km
Cable Weight in Sea Water	573 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter

ENVIRONMENTAL

RoHS Compliant	Yes
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