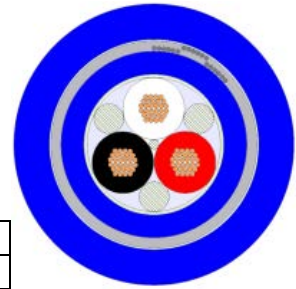


CRE15264



Issue	Date	Approved	Note
1	14/01/15	PM	Initial release

DESCRIPTION

Ruggedised Power 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]
1.50 mm ² Power Cores	3	30/0.25mm TC	12.8	19.3	3.10mm

1.50mm² Power Cores

Colours	White, Red, Black
Insulation	HDPE
Insulation Diameter	3.10mm Nominal
Test Voltage	3000V DC / 1 Min

Cable Assembly

Cable Lay-up	3 x Power cores with Water blocking fillers as required.
Barrier	Water blocking Tape >100% Coverage
Bedding Layer	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.20mm nominal
Diameter	9.2mm +/-0.3mm
Braided Armour	0.25mm Galvanised Steel Wire
Optical Coverage	> 85%
Barrier	Water blocking Tape >100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.80mm nominal
Diameter	13.9mm +/-0.3mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Operating Voltage	600V
Insulation Resistance	>5000M Ω /Km
Cable Weight in Air	252 Kgs/Km
Cable Weight in Water	99 Kgs/Km
Bend Radius Static	7X Diameter
Bend Radius Dynamic	15X Diameter
Depth Rating	3000 Metres