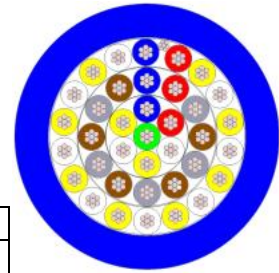


# CRE14214



Issue	Date	Approved	Note
1	05/08/14	PM	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]
0.34 mm <sup>2</sup> Insulated Core	37	7/0.25mm TC	56.7	4.2	1.35 mm

## CONSTRUCTION

### 0.34mm<sup>2</sup> Cores

Colours	See table 1.
Insulation	High Density Polyethylene
Insulation Diameter	1.35mm

Colour	Frequency
WHITE	10
YELLOW	10
GREY	5
BROWN	5
RED	3
BLUE	3
GREEN	1

### Cable Assembly

Cable Layer 1	Blue, Red, 2 x White, 2 x Yellow around Green
Lay Direction	Left Hand Lay, wrapped with polyester tape
Cable Layer 2	Blue, Red, 5 x Grey + 5 x Brown around Layer 1
Lay Direction	Right Hand Lay, wrapped with polyester tape
Cable Layer 2	Blue, Red, 5 x Grey + 5 x Brown around Layer 1
Lay Direction	Left Hand Lay, wrapped with polyester tape
Drain wire	0.22mm <sup>2</sup> Tinned Copper
Screen	Aluminium Polyester Foil > 100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.60mm nominal
Diameter	13.0mm +/-0.3mm

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	234 Kgs/Km
Cable Weight in Water	98 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter