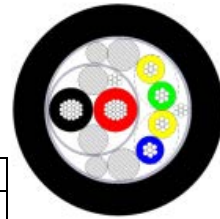


CRE15302



Issue	Date	Approved	Note
1	27/05/15	PM	Initial release

DESCRIPTION

Bespoke multi-pair signal & control 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]
0.34sqmm Insulated Core	4	7/0.25mm BC	49.6	4.2	1.35mm
0.75 sqmm Insulated Core	2	24/0.2mm TC	26	9.4	2.1mm

CONSTRUCTION

0.34mm² Twisted Pairs (TP's)

Colours	Yellow / Green, Yellow/ Blue
Insulation	High Density Polyethylene
Insulation Diameter	1.35mm
Twin lay	27mm Left hand

0.75mm² Twisted Screened Pair (TSp)

Colours	Red / Black
Insulation	High Density Polyethylene
Insulation Diameter	2.1mm
Twin lay	35mm Left hand
Fillers	As required
Drainwire	7/0.2mm TC
Screen	Aluminium Polyester Laminate
Barrier	Bonded Polyester Tape

Cable Assembly

Cable Layer 1	2 x 0.34 mm ² TP's above with 1 x 0.75mm ² TSp above cabled with fillers as required to achieve a circular assembly
Lay Direction	Left Hand Lay
Drainwire	7/0.2mm TC
Foil Screen	Aluminium / Polyester Laminate >100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Black or as required
Radial Wall Thickness	1.5mm nominal
Diameter	10mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	98 Kgs/Km
Cable Weight in Water	18 Kgs/Km
Bend Radius Static	6X Diameter
Bend Radius Dynamic	10X Diameter