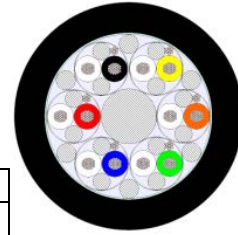


CRE15274



Issue	Date	Approved	Note
1	06/03/15	PM	Initial release

DESCRIPTION

Multi-pair signal/control cable for use in underwater and subsea applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [Ω /Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.75sqmm Insulated Core	12	24/0.2mm TC	28	9.8	2.2mm

CONSTRUCTION

0.75mm² TSP (Item 1-6)

Insulation	XL-LSHF to BS7211 & IEC60092-351/HF90
Insulation Diameter	2.2mm
Colours	White/Yellow, White/Orange, White/Green, White/Blue, White/Red, White/Black
Drainwire	0.34sqmm Tinned Copper
Fillers as required	LSHF Type SHF1
Screen	Aluminium Polyester Foil
Barrier	Bonded Polyester

Cable Assembly

Central Filler	LSHF Type SHF1
Layer 1	6 off 0.75sqmm TSP's with LSOH Type SHF1 Fillers as required to achieve a concentric and robust construction.
Lay Direction	Left Hand Lay
Barrier	Polyester Fibre Tape
Outer Sheath	FRHF Polyurethane 85 Shore A Hardness to UL94 V2, Mud & Oil resistant to NEK606
Colour	Black
Radial Wall Thickness	2.5mm nominal
Diameter	18.5mm +/- 0.3mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	393 Kgs/Km
Cable Weight in Water	121 Kgs/Km
Bend Radius Static	6X Diameter
Bend Radius Dynamic	10X Diameter