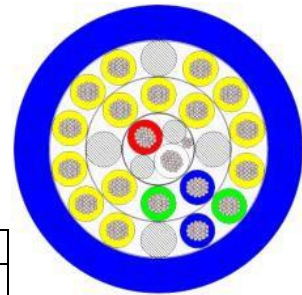


CRE14175



| Issue | Date | Approved | Note |
|-------|------------|----------|-----------------|
| 1 | 12/03/2014 | PM | Initial release |

DESCRIPTION

Multi-Core 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 | 20 | 24/0.2mm TC | 28 | 8.3 | 1.75mm |

Insulated Cores

18 x 0.75mm²

| | |
|---------------------|--|
| Colours | 1 x White, 1 x Red, 2 x Blue, 2 x Green, 14 x Yellow |
| Insulation | High Density Polyethylene |
| Insulation Diameter | 1.75mm |

1 x 0.75mm² TSP

| | |
|-----------|------------------------------|
| Colours | 1 x White, 1 x Red |
| Drainwire | 0.22mm ² TC |
| Screen | Aluminium Polyester Laminate |
| Coverage | >100% |
| Isolation | Bonded Polyester Tape |

Cable Assembly

| | |
|-----------------------|--|
| Centre | 0.75mm ² TSP |
| Cable Layer 1 | 4 x Yellow + Green + Blue 0.75mm ² cores around TSP with 2 fillers |
| Lay Direction | Right Hand Lay |
| Binder | 4mm Polypropylene Tape |
| Cable Layer 2 | 10 x Yellow + Green + Blue 0.75mm ² cores around TSP with 2 fillers |
| Lay Direction | Left Hand Lay |
| Barrier Tape | Polyester |
| Outer Sheath | HF Polyurethane 85 Shore A Hardness |
| Colour | Blue |
| Radial Wall Thickness | 1.7mm nominal |
| Diameter | 14.2mm +/- 0.3mm |

CABLE CHARACTERISTICS

| | |
|-----------------------|----------------|
| Operating Temperature | -40°C to +80°C |
| Cable Weight in Air | 264 Kgs/Km |
| Cable Weight in Water | 103 Kgs/Km |
| Bend Radius Static | 6X Diameter |
| Bend Radius Dynamic | 10X Diameter |