CRE13098-2

DESCRIPTION
Bespoke multi-pair cable for data communications used in subsea and similar applications.

Product Details (Insulated Cores)

<table>
<thead>
<tr>
<th>Component Description</th>
<th>Qty</th>
<th>Conductor Stranding</th>
<th>Nominal DCR @ 20oC [Ω/Km]</th>
<th>Weight Kgs/Km</th>
<th>Nominal Diameter [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75 sqmm Insulated Core</td>
<td>6</td>
<td>24/0.2mm BC</td>
<td>27.0</td>
<td>8.9</td>
<td>1.9mm</td>
</tr>
</tbody>
</table>

CONSTRUCTION
0.75mm² Twisted Screened Pairs (TSP’s)
- Colours: Yellow/Orange, Turquoise/Green, Red/Brown
- Insulation: High Density Polyethylene
- Insulation Diameter: 1.9mm
- Drainwire: 0.34mm² Tinned Copper + Filler
- Screen: Aluminium Polyester Foil
- Binder: Polyester

Cable Assembly
- Construction: 3 x 0.75mm² Data Pairs cabled together with additional fillers as required maintaining a concentric circular profile.
- Lay direction: Left Hand
- Screen: Aluminium Polyester Foil 100% Coverage
- Binder: Non-Woven Polyester Fibre Tape
- Outer jacket: Polyurethane 85 Shore ‘A’ Hardness
- Colour: Blue
- Radial Wall Thickness: 1.5mm nominal
- Diameter: 11.7mm +/-0.5mm

CABLE CHARACTERISTICS
- Operating Temperature: -40°C to +80°C
- Cable Weight in Air: 142 Kgs/Km
- Cable Weight in Seawater: 34.5 Kgs/Km
- Minimum Bend Radius: 7 x Diameter [Static], 10 x Diameter [Dynamic]

ENVIRONMENTAL
- RoHS Compliant: Yes