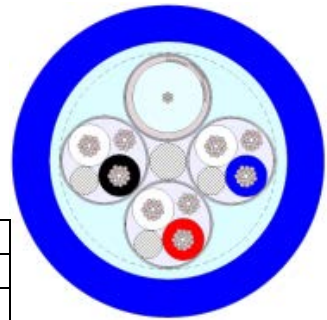


CRE13117-2



| Issue | Date | Approved | Note |
|-------|----------|----------|---|
| 1 | 20/09/13 | PM | Initial release |
| 2 | 23/05/16 | PM | Upgrade Coax & add Hot melt bedding layer |

DESCRIPTION

Multipair screened camera composite cable for use in marine environments

Product Details (Insulated Cores)

| Component Description | Qty | Conductor Stranding | DCR @ 20oC [Ω/Km] | Weight [Kgs/Km] | Nominal Diameter [mm] |
|-------------------------|-----|---------------------|-------------------|-----------------|-----------------------|
| 0.5 sqmm insulated core | 6 | 16/0.2mm TC | 39 | 6.5 | 1.70 |
| 75 Ohm Mini coax | 1 | 7/0.16mm TC | 139 | 7.3 | 2.85 |

CONSTRUCTION

0.5mm² Twisted Screened Pair (TSP)

| | |
|---------------------|---------------------------------------|
| Colours | White/Blue, White/Red, White/Black |
| Insulation | HDPE |
| Insulation Diameter | 1.70mm |
| Drainwire | 16/0.2mm TC with fillers as required |
| Shield | >100% Aluminium Polyester Foil Screen |
| Isolation | >100% Adhesive polyester tape |

75Ω Mini coax

| | |
|---------------------|------------------------------------|
| Core colour | Natural |
| Insulation | Polyethylene |
| V of P % | 66 % |
| Dielectric diameter | 2.85mm |
| Braided Screen | 0.127mm TC >95% optical coverage |
| Foil Screen | Aluminium Polyester >100% coverage |
| Isolation | Bonded Polyester Layer |

Cable Assembly

| | |
|-----------------------|---|
| Cable Lay-up | 3 x 0.5mm ² TSP's & 1 x 75Ohm mini coax cabled with fillers as required to form circular profile |
| Bedding | Hot melt encapsulate |
| Jacket | Polyurethane 85 Shore 'A' Hardness |
| Colour | Blue |
| Radial Wall Thickness | 1.5 mm nominal |
| Diameter | 12.5mm +/-0.3mm |

CABLE CHARACTERISTICS

| | |
|---------------------------|----------------|
| Operating Temperature | -40°C to +80°C |
| Cable Weight in Air | 178 Kgs/Km |
| Cable Weight in Sea Water | 55 Kgs/Km |
| Bend Radius Static | 5X Diameter |
| Bend Radius Dynamic | 10X Diameter |