

IEWC SUB02210BE



| Issue | Date | Approved | Note |
|-------|----------|----------|-----------------|
| 1 | 12/10/18 | KD | Initial release |

DESCRIPTION

Multicore screened cable with ~~vertran~~ strength member for marine applications.

Product Details (Insulated Cores)

| Component Description | Qty | Conductor Stranding | Max DCR @ 20°C [Ω/km] | Weight [Kgs/Km] | Nom Diameter [mm] |
|------------------------------------|-----|---------------------|-----------------------|-----------------|-------------------|
| 0.22mm ² Insulated Core | 2 | 7/0.2mm TC | 90 | 2.7 | 1.10mm |

CONSTRUCTION

0.22mm² cores

| | |
|---------------------|--------------------------------|
| Conductor | Tinned Copper as per IEC 60228 |
| Colours x 2 | 1xBlue, 9xBlack |
| Insulation | High Density Polyethylene |
| Insulation Diameter | 1.10mm |

| | |
|-------------------|---|
| Strength Member | HF Filler with overall vertran Braid |
| Breaking Strain | >600Kg |
| Safe Working Load | >250Kg |

Cable Main Assembly

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|------------------|--|
| Lay-up | 10 x 0.22mm ² cores cabled around central strength member to form a concentric cable. |
| Barrier | Polyester tape |
| Braided Screen | 0.127mm Tinned Copper |
| Optical Coverage | >85% |
| Isolation | Polyester tape |
| Outer Sheath | FRHF PU 85 Shore A Hardness to UL94 V2, Mud & Oil resistant to NEK606 |
| Colour | Blue |
| Radial Thickness | 1.3mm nominal |
| Diameter | 8.0mm +/-0.5mm |

CABLE CHARACTERISTICS

| | |
|---------------------------|----------------|
| Operating Temperature | -30°C to +80°C |
| Cable Weight in Air | 91 Kgs/Km |
| Cable Weight in Sea Water | 39 Kgs/Km |
| Bend Radius Static | 7 x Diameter |
| Bend Radius Dynamic | 12 x Diameter |