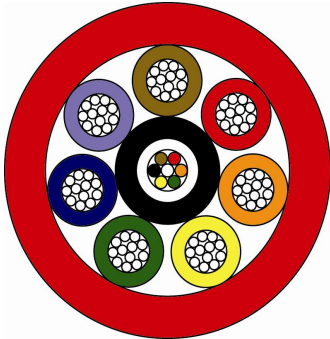


Single Mode Hybrid Cable

Type 3770



|              |            |
|--------------|------------|
| Document no. | 2008839C   |
| Revision     | A          |
| Date         | 30.06.2008 |
| Prepared by  | HB         |
| Approved by  | KL         |

Construction Characteristics

|                     |                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>In Center</u>    |                                                                                                                                                            |
| Fibre optic element | Fibre package with seven single mode corning SMF 28 (90% fill). In a steel tube with a polyethylene jacket. 3,3 mm in O.D.                                 |
| <u>1. Layer</u>     |                                                                                                                                                            |
| Conductors          | 1,0 mm <sup>2</sup> (18 awg) tin plated copper conductor with dual wall insulation system. Primary jacket XL polyvinylidene fluoride. O.D. 2,23mm. (7 ea.) |
| Wrap                | Mylar tape                                                                                                                                                 |
| Outer jacket        | Raythane C 1,3 mm wall thickness                                                                                                                           |

Mechanical Characteristics

|                       |                                 |
|-----------------------|---------------------------------|
| Diameter              | 10,5 mm ±0,50 mm                |
| Operating temperature | -20°C to 80°C                   |
| Weight in air         | 172 kg/km nom.                  |
| Weight in seawater    | 83 kg/km nom.                   |
| Min. bending radius   | 100 mm static<br>150 mm dynamic |
| Depth rating          | 6000 metres                     |

Electrical and Fibre Optical Characteristics

|                   |              |
|-------------------|--------------|
| Operating voltage | 2500 V (RMS) |
|-------------------|--------------|