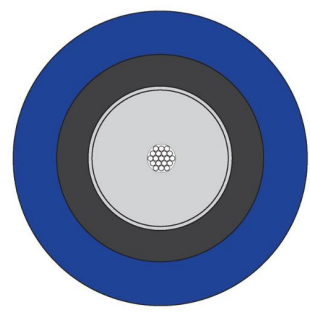


# Subconn PUR cable

# Type: P/HFCX50



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 Prepared by LMR  
 Approved by KL

## Construction Characteristics

|                     |   |
|---------------------|---|
| <b>Coax RG58</b>    | 0,33 mm <sup>2</sup> (22 AWG) 7 strand bare copper conductor (1 ea)   |
| <b>Insulation</b>   | Polyolefin dielectric to 2,30 mm nominal OD   |
| <b>Screen</b>       | Braid (95% coverage) braid made from tin-plated copper wires. Flooded with elastomeric water block compound and wrapped with aluminium-foil tape in contact with braid. |
| <b>Inner jacket</b> | Thermoplastic elastomer, 0,53 mm  |
| <b>Outer jacket</b> | Polyurethane jacket 85A, Ultra marine blue, nominal wall thickness 0,81 mm<br>Print in white: SUBCONN P/HFCX50  |

## Mechanical Characteristics

|                                    |                 |
|------------------------------------|-----------------|
| <b>Diameter</b>                    | 5,59 ± 3 mm     |
| <b>Weight in air</b>               | 39 kg/km        |
| <b>Weight in sea water</b>         | 13 kg/km        |
| <b>Bending radius</b>              | 64 mm           |
| <b>Operating temperature range</b> | -20°C to + 70°C |

## Electrical and Physical Characteristics

|                             |   |
|-----------------------------|---|
| <b>Operating voltage</b>    | ≤1000 VDC   |
| <b>Capacitance</b>          | 30 ±3 pF/ft   |
| <b>DC resistance @ 20°C</b> | ≤54,5 Ω/km for 0,33 mm <sup>2</sup> conductor<br>≤21 Ω/km for shield  |
| <b>Max Attenuation</b>      | 0,5 dB/100 ft at 1 Mhz<br>2 dB/100 ft at 10 Mhz<br>5 dB/100 ft at 50 Mhz<br>7 dB/100 ft at 100 Mhz<br>30 dB/100 ft at 1 Ghz |