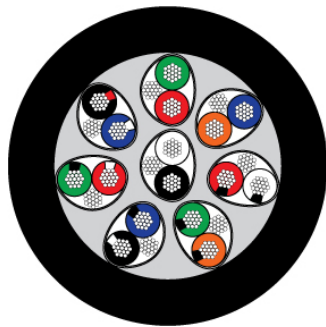


# Subconn PUR Cable

# Type P8TSP20#



|              |            |
|--------------|------------|
| Document no. | 2013016SC  |
| Revision     | B          |
| Date         | 26.06.2017 |
| Prepared by  | LMR        |
| Approved by  | KL         |

## Construction Characteristics

|                               |   |
|-------------------------------|---|
| <b>Shielded Twisted Pairs</b> | 0,50 mm <sup>2</sup> (#20AWG) stranded tinned copper wires, twisted together in pairs, with a tinned copper Drain Aluminium Polyester tape wrap, insulated with Polypropylene (8 off) |
| <b>Binder</b>                 | Polyester tape wrap   |
| <b>Outer jacket</b>           | Polyurethane jacket. Color black. Nominal thickness approx. 1,50 mm   |

## Mechanical Characteristics

|                                    |                      |
|------------------------------------|----------------------|
| <b>Diameter</b>                    | Nom. 12,9 mm ±0,5 mm |
| <b>Weight in air</b>               | 238 kg/km            |
| <b>Weight in sea</b>               | 104 kg/km            |
| <b>Min. bending radius, static</b> | 129 mm               |
| <b>Operating Temp.</b>             | -20 to +70°C         |
| <b>Storage Temp.</b>               | -40 to +90°C         |

## Electrical Characteristics

|                          |   |
|--------------------------|---|
| <b>Operating voltage</b> | 600 VDC                                       |
| <b>IR @ 500VDC</b>       | ≥ 1GΩ/kFT @20°C                               |
| <b>DCR @ 20°C</b>        | 10Ω/kFT                                       |
| <b>Capacitance</b>       | Cond-Cond = 45 pF/Ft<br>Cond-shld = 100 pF/Ft |
| <b>Impedance(Zo)</b>     | 35Ω   |