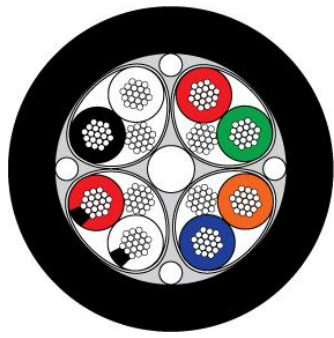


# Subconn PUR Cable

# Type P4TSP20#



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Prepared by	LLS
Approved by	KL

## Construction Characteristics

<b>Twisted Pairs</b>	0,50 mm <sup>2</sup> (#20AWG) stranded tinned copper wires, twisted together in pairs, insulated with Polypropylene (4 off) C/C: black+white, red+green, orange+blue, white/black+red/black
<b>Shield</b>	Tinned copper stranded Drain, Aluminum Polyester tape wrap and 2 layers of Adhesive Polyester
<b>Fillers</b>	Plastic Fillers for roundness
<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. 10,40 mm ±0,5 mm
<b>Weight in air</b>	148 kg/km
<b>Weight in sea</b>	59 kg/km
<b>Min. bending radius, static</b>	105 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 @20C
<b>DCR @ 20C</b>	≤ 10Ω/kFT
<b>Amp rating</b>	≤ 2A per conductor
<b>Capacitance</b>	Cond-Cond = 45 pF/ÆL Cond-Shld = 100 pF/ÆL
<b>Impedance(Z<sub>0</sub>)</b>	35Ω