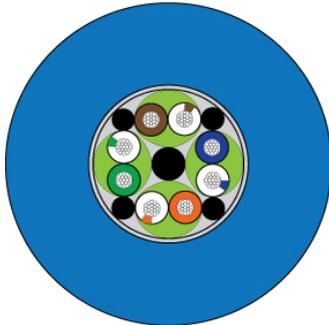


## Subconn Ethernet Cable

Type: D/P4TP24#



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Prepared by	LMR
Approved by	KL

### Construction Characteristics

<b>Power conductor</b>	0,20 mm <sup>2</sup> (24 AWG) Two silver-plated copper conductors insulated with teflon and twisted together (4 ea.)  Each pair has a different twist-rate for crosstalk performance and each pair has a TPE belt-to round jacket for performance at pressure.  Colour code for twisted pairs: 1. TP = White/Blue + Blue 2. TP = White/Orange + Orange 3. TP = White/Green + Green 4. TP = White/Brown + Brown
<b>Shield</b>	Aluminium/polyester tape and tinned copper braiding (85% coverage) with an overall polyester tape.
<b>Filler</b>	The cable is filled with cable filling compound
<b>Outer jacket</b>	Polyurethane jacket. Colour blue

### Mechanical Characteristics

<b>Diameter</b>	10,4 mm nom. (0,410 ± 0,010 inch)
<b>Weight in air</b>	140 kg/km nom. (95 lbs/1,000 feet nom.)
<b>Weight in seawater</b>	53 kg/km nom. (36 lbs/1,000 feet nom.)
<b>Min. bending radius</b>	100 mm (4 inch)
<b>Depth Rating</b>	6000 metres (8700 psi)

### Electrical Characteristics

<b>Operating voltage</b>	250V max. 1 amp
<b>Conductor resistance</b>	≤ 85 ohm/km (26 ohm/1,000-FT)
<b>Capacitance</b>	42 pF/m to for 55 pF/m (13 pF/FT to for 17 pF/FT)
<b>Impedance</b>	85 ohm to 125 ohm