

SubConn® Low Profile

7 contacts

Connector specifications

Voltage rating	600 V DC/AC rms
Current rating	10 A per contact (max 40 A per connector)
Insulation resistance	> 200 Mohm
Contact resistance	< 0.01 ohm
Wet matings	> 500 (open face rated)
Temperature rating (water)	- 4 to 60°C, 25 to 140°F
Temperature rating (air)	- 40 to 60°C, - 40 to 140°F
Storage temperature rating	- 40 to 60°C, - 40 to 140°F
Qualified pressure tested	800 bar, 11,600 psi
Depth rating PEEK	300 bar, 4,350 psi

Material specifications

Connector body	Chloroprene rubber
Bulkhead body	Brass, stainless steel, titanium, anodised aluminium or PEEK
Contacts	Gold plated brass UNS - C36000
O-rings	Nitrile
Locking strap	Chloroprene rubber
Inline cable (2 ft, 60 cm)	16 AWG, 1.31 mm ² synthetic rubber
Bulkhead leads (1 ft, 30 cm)	18 AWG, 0.82 mm ² coloured PTFE
OM leads (3", 7 cm)	18 AWG, 0.82 mm ² coloured PTFE

Face view (male)

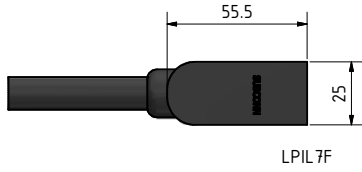


Inline cable colour code

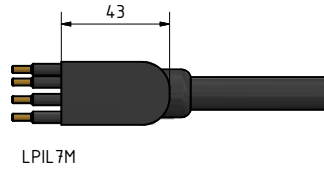
1 Black	3 Red	5 Orange	7 White/black
2 White	4 Green	6 Blue	

Nominal cable outside diameter (OD)

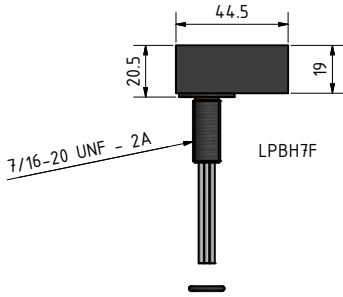
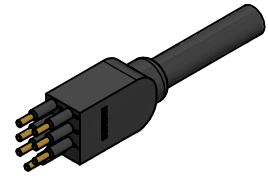
7 conductor cable 0.520", 13.2 mm



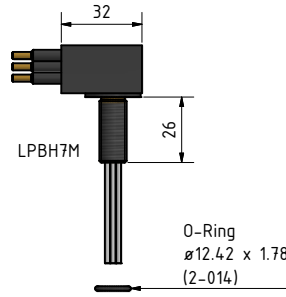
LPIL7F



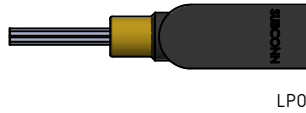
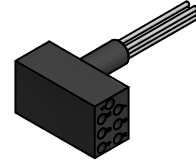
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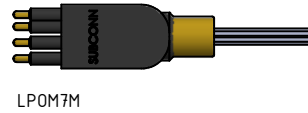
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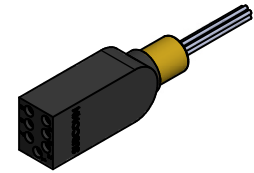
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LPOM7F



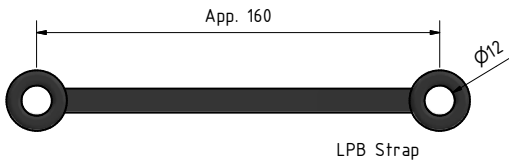
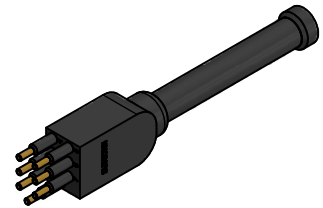
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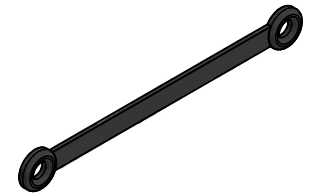
LPDC7F



LPDC7M



LPB Strap



Drawing information

Dimensions in mm (1 mm = 0.03937 inch)
Threads in inches (1 inch = 25.4 mm)