

SubConn® Data Metal Shell 1500

9 contacts

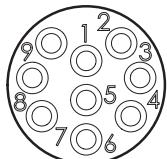
Connector specifications

Voltage rating	250 V DC/AC rms
Data rate	1 Gbit/s
Insulation resistance	> 200 MΩ
Contact resistance	< 0.01 Ω
Wet matings	> 500
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	600 bar, 8,700 psi (open face)

Material specifications

Connector body	Chloroprene rubber
Connector housing	Stainless steel AISI 316 (other materials on request)
Contacts	Female sockets in gold plated brass UNS - C36000
O-rings	Male contacts in gold plated beryllium copper
Connector leads (3.3 ft, 100 cm)	Nitrile
	CAT 5E patch cable incl.
	Screened RJ 45 connector (not installed)

Face view (male)



Inline cable colour code

1-2 Brown, Brown/white*

7-8 Green, Green/white*

3-4 Blue, Blue/white*

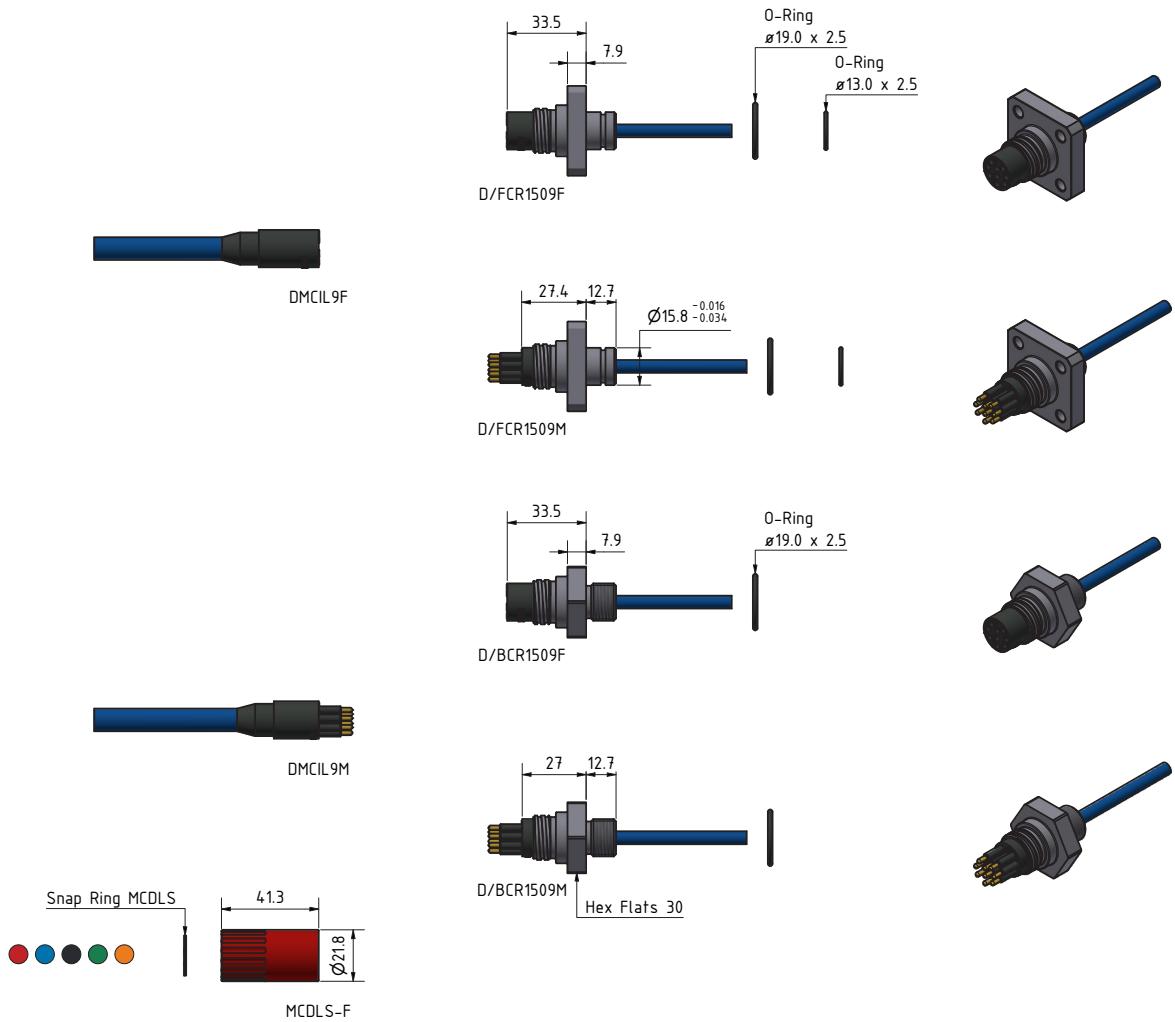
9 Screen

5-6 Orange, Orange/white*

* Twisted pairs

Additional information

Standard RJ45 cannot be mounted on inline cable and will require a RJ45 Phoenix connector or equivalent.



Drawing information

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

Cable and wire lead information

Synthetic rubber cables – see page 141. Wire leads – see page 142.
For recommended PUR cables, please refer to the Polyurethane cables section.