

SubConn® Nano

6 contacts

Connector specifications

Voltage rating	300 V DC/AC rms
Contacts current rating	3 A per contact (max 10 A per connector)
Insulation resistance	200 Mohm
Contact resistance	< 0.01 ohm
Wet/splash 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	700 bar
Open face rated	700 bar

Material specifications

Connector body	Chloroprene rubber, Titanium
Bulkhead body	Titanium
Contacts	Female sockets in gold plated brass UNS - C36000 Male pins in gold plated beryllium copper
O-rings	Nitrile
Locking sleeves	Anodized titanium
Bulkhead leads (12")	24 AWG, PTFE
Inline cable	Data cable - type 1735CC

Face view (male)



Inline cable colour code

1-2 Black/white*

3-4 Red/Green*

5-6 Orange/Blue*

* Twisted pairs

BCR/FCR cable colour code

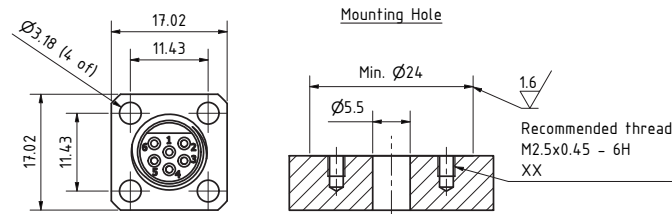
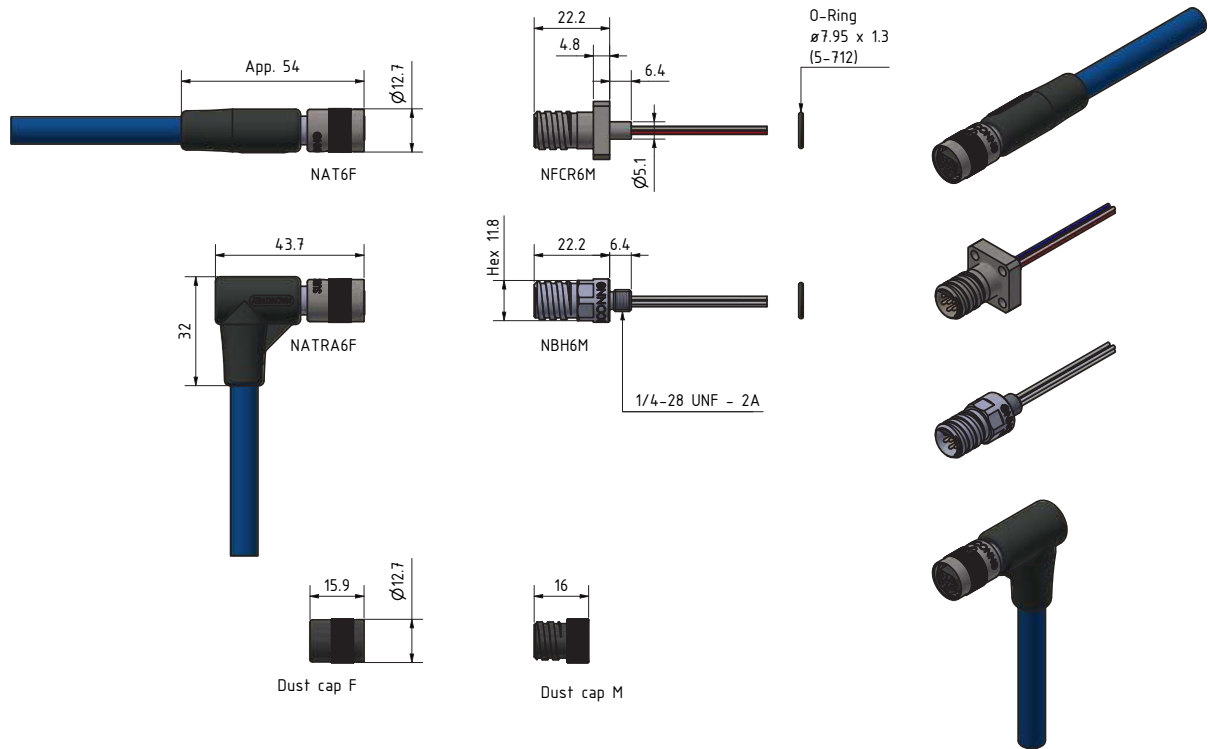
1 Black
2 White

3 Red
4 Green

5 Orange
6 Blue

Nominal cable outside diameter (OD)

PUR cable 0.315", 8.00 mm



Drawing information

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