

N (Navy Connector)



N connectors are medium size threaded connectors for use DC through 11GHz and feature a characteristic 50ohm impedance structure. The threaded coupling mechanism provides a sturdy and reliable connection.

Applications for N connectors include base station equipment, broadcast and satellite communication systems as well as test and instrumentation equipment.

Electrical Specifications

Impedance	50 ohm	75 ohm
Frequency Range	0- 11GHz	0- 1 GHz
Voltage Rating	1500 Volts Max.	
Dielectric Withstanding Voltage	2500 Volts RMS	
VSWR	Straight	1.3 Max
	Right Angle	1.35 Max
Contact Resistance	Center Contact	1.0 Milliohms Max
	Outer Contact	0.2 Milliohms Max
Insulation Resistance	5000 Megohms Min	
Insertion Loss	0.30 dB Max at 10 .0 GHz	



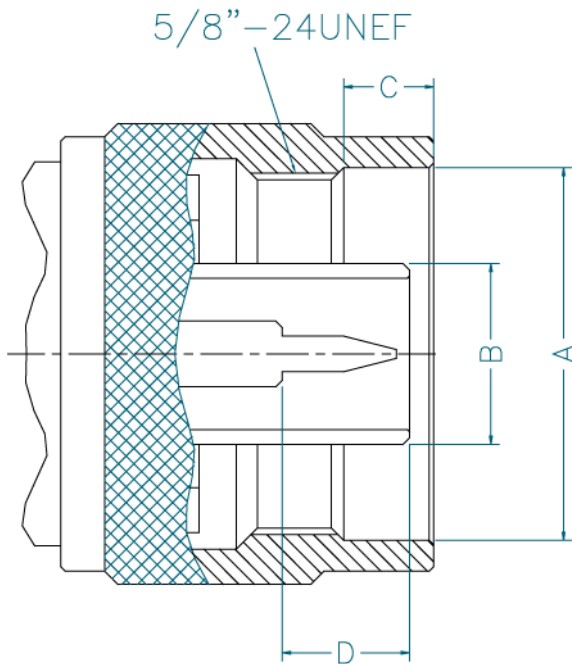
Material Specifications



		Material	Finish
Body		Brass	Nickel or Gold
Center Contact	Male	Brass	Gold
	Female	Brass , Phosphor Bronze Beryllium Copper	Gold --
Insulator		Teflon	
Gasket		Silicone Rubber	--
Crimp Ferrule		Annealed Copper	Same as Body

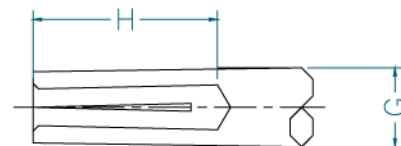
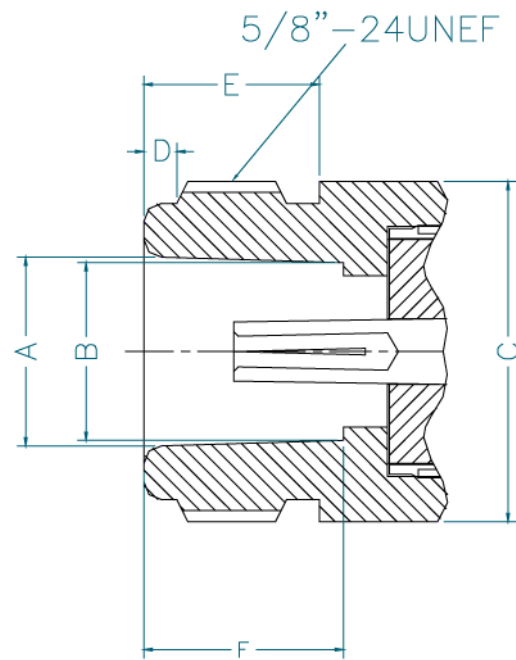
※These characteristics are typical and may not apply to all connectors.

N Connectors Interface Mating Dimensions



Plug (Male)

Letter	Millimeters (Inches)	
	Min.	Max.
A	16.0 [0.630]	—
B	—	8.38 [0.330]
C	4.01 [0.158]	4.27 [0.168]
D	5.33 [0.210]	5.84 [0.230]
E	1.60 [0.063]	1.68 [0.066]
F	3.00 [0.118]	3.15 [0.124]



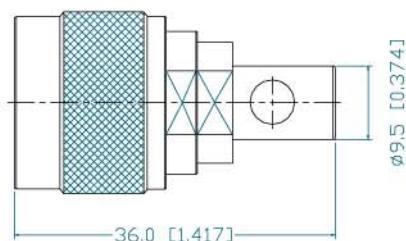
Jack (Female)

Letter	Millimeters (Inches)	
	Min.	Max.
A	8.53 [0.336]	8.74 [0.344]
B	8.03 [0.316]	8.13 [0.320]
C	—	15.93 [0.628]
D	1.19 [0.047]	1.96 [0.077]
E	6.76 [0.266]	—
F	9.04 [0.356]	9.19 [0.362]
G	3.00 [0.118]	3.15 [0.124]
H	5.33 [0.210]	—



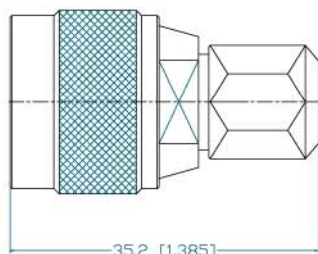
N, Plug Solder Type

- Part Number : **N1-8001M**
- Impedance : 50
- Cable : As Specified By Customers



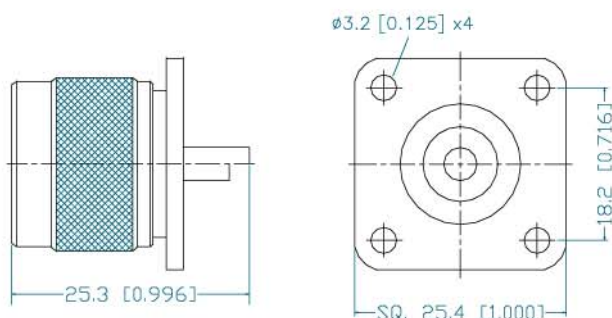
N, Plug Clamp Type

- Part Number : **N1-8001T**
- Impedance : 50
- Cable : As Specified By Customers



N, Plug Panel Mount (4 Hole Flange)

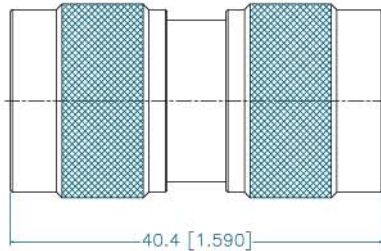
- Part Number : **N1-8003**
- Impedance : 50



N, Plug To Plug Adaptor

■ Part Number : **N1-8004**

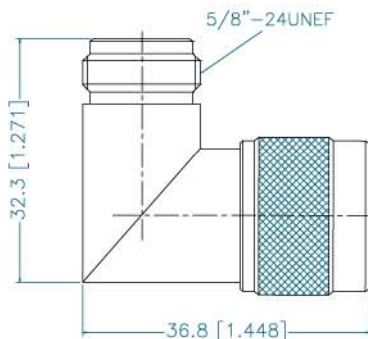
■ Impedance : 50



N, Plug To Jack Adaptor, Right Angle

■ Part Number : **N1-8005**

■ Impedance : 50

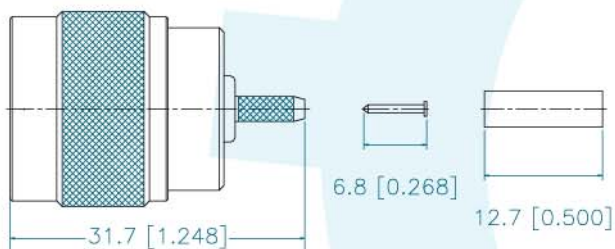


N, Plug Crimp Type (Pin In Pin)

■ Part Number : **N1-8011**

■ Impedance : 50

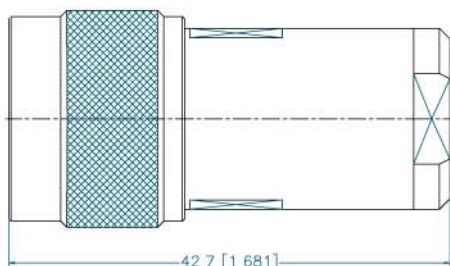
■ Cable : As Specified By Customers





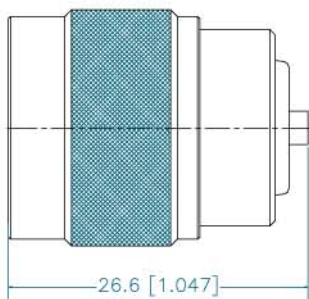
N, Plug Clamp Type

- Part Number : **N1-8012DFB**
- Impedance : 50
- Cable : **As Specified By Customers**



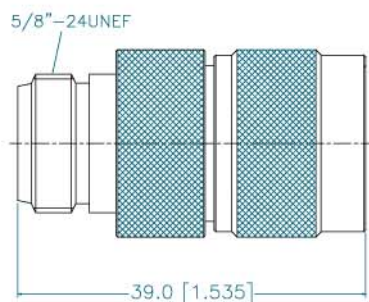
N, Plug Solder For Semi-Rigid Cable

- Part Number : **N1-8017**
- Impedance : 50
- Cable : **As Specified By Customers**



N, Plug To Jack Adaptor

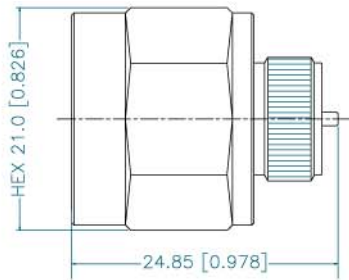
- Part Number : **N1-8019**
- Impedance : 50



N, Plug Press Fit Type

■ Part Number : **N1-8022**

■ Impedance : 50



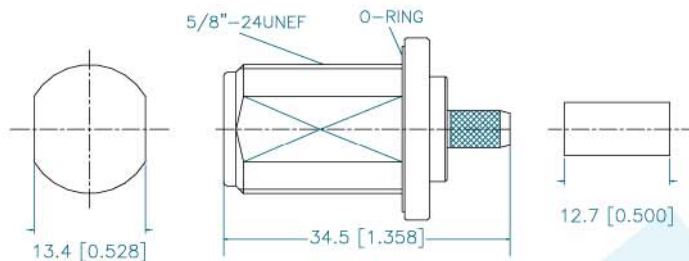
Z

N, Jack Bulkhead Crimp Type (WaterProof)

■ Part Number : **N1-8502**

■ Impedance : 50

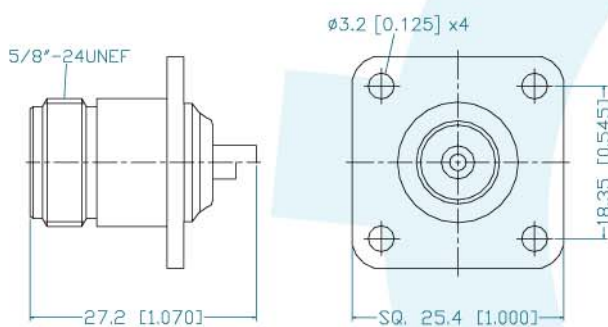
■ Cable : **As Specified By Customers**



N, Jack Panel Mount (4 Hole Flange)

■ Part Number : **N1-8507**

■ Impedance : 50

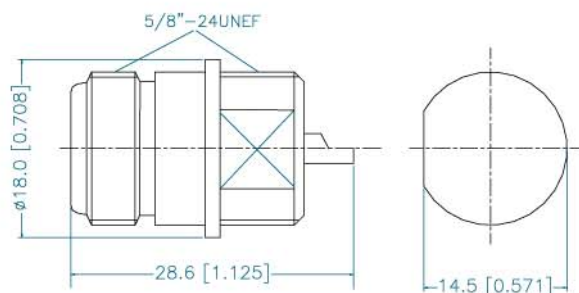




N, Jack Bulkhead Type (Front Mount)

■ Part Number : **N1-8517**

■ Impedance : 50

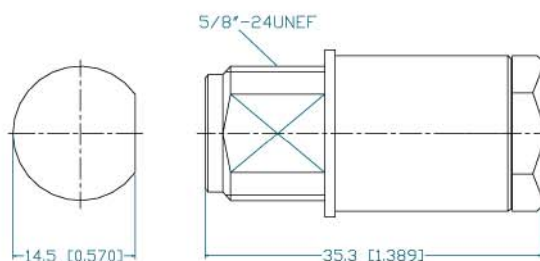


N, Jack Bulkhead Clamp Type

■ Part Number : **N1-8520**

■ Impedance : 50

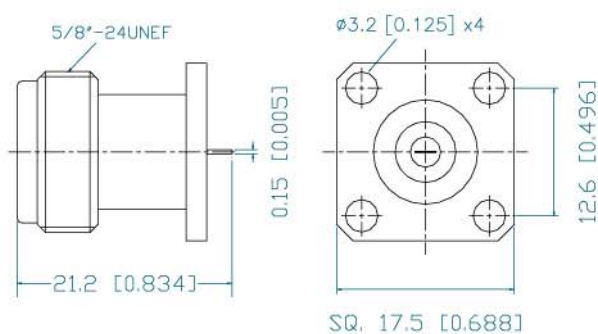
■ Cable : As Specified By Customers



N, Jack Panel Mount (4 Hole Flange)

■ Part Number : **N1-8522**

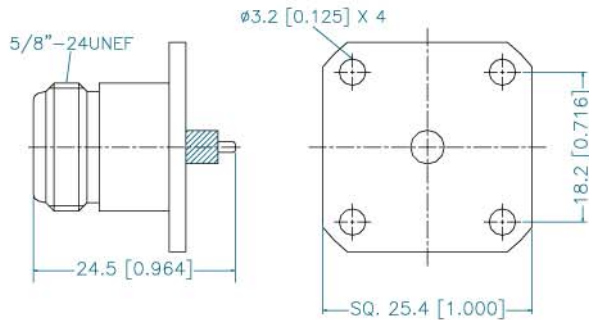
■ Impedance : 50



N, Jack Panel Mount (4 Hole Flange , Exposed Teflon)

■ Part Number : **N1-8523**

■ Impedance : 50

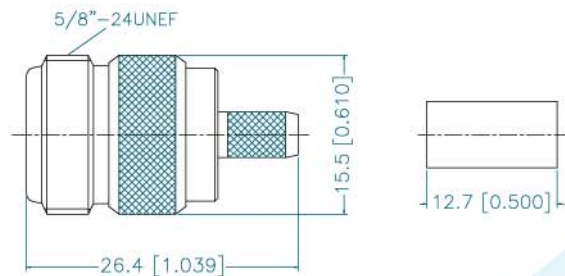


N, Jack Crimp Type

■ Part Number : **N1-8524**

■ Impedance : 50

■ Cable : As Specified By Customers

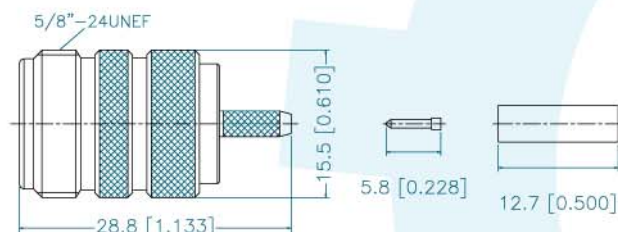


N, Jack Crimp Type (Pin In Pin)

■ Part Number : **N1-8532**

■ Impedance : 50

■ Cable : As Specified By Customers

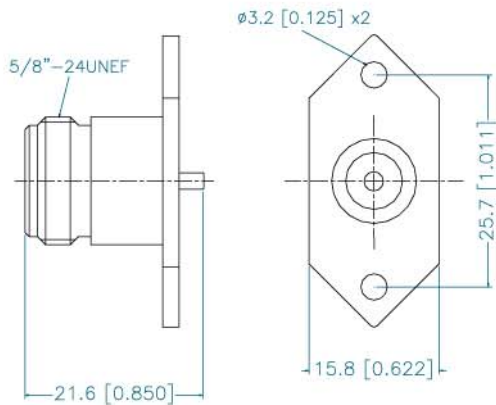




N, Jack Panel Mount (2 Hole Flange)

■ Part Number : **N1-8534**

■ Impedance : 50

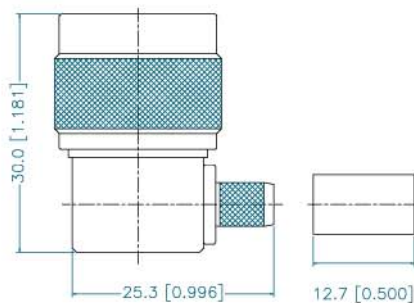


N, Plug Crimp Type, Right Angle

■ Part Number : **N2-8008**

■ Impedance : 50

■ Cable :

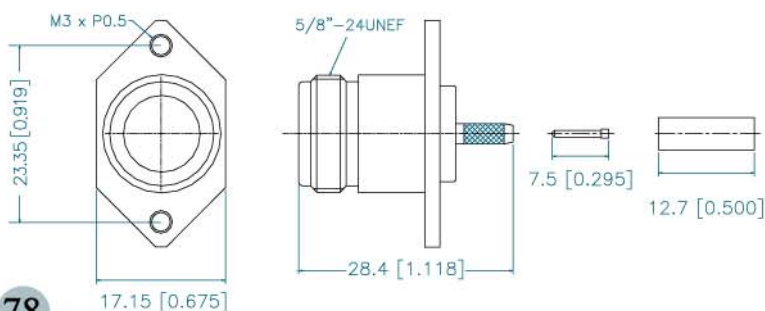


N, Jack Crimp Type Panel Mount (2 Hole Flange, Pin In Pin)

■ Part Number : **N2-800C**

■ Impedance : 50

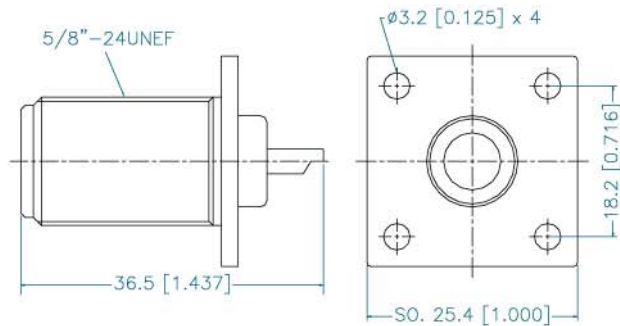
■ Cable : **As Specified By Customers**



N, Jack Panel Mount (4 Hole Flange)

■ Part Number : **N2-800EXTH**

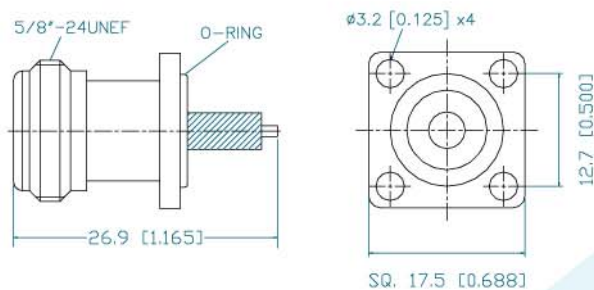
■ Impedance : 50



N, Jack Panel Mount (4 Hole Flange , Exposed Teflon)

■ Part Number : **N2-806**

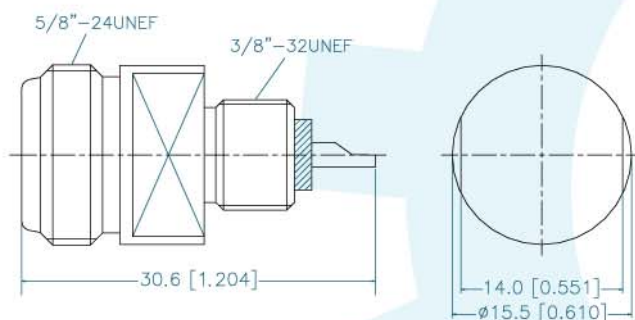
■ Impedance : 50



N, Jack Bulkhead Type (Front Mount)

■ Part Number : **N2-808**

■ Impedance : 50

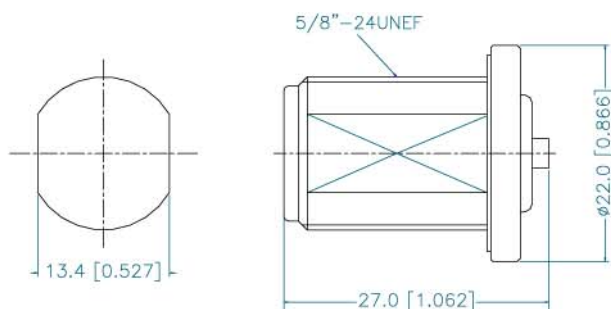


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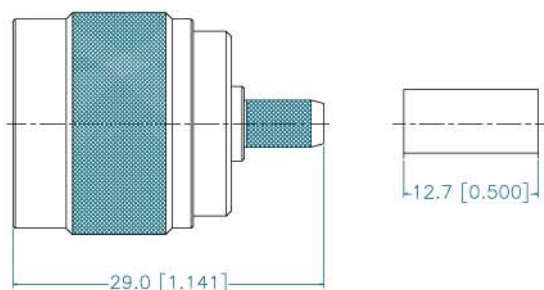
N, Jack Bulkhead Solder For Semi-Rigid Cable

- Part Number : **N2-811**
- Impedance : 50
- Cable : As Specified By Customers



N, Plug Crimp Type

- Part Number : **N2-839**
- Impedance : 50
- Cable : As Specified By Customers



N, Plug Crimp Type (3 Holes)

- Part Number : **N2-839**
- Impedance : 50
- Cable : As Specified By Customers

