

Our RF N-Type connector range features a threaded coupling mechanism and are fully interchangeable. These connectors are used in all systems where excellent Radio Frequency connections and mechanical performance is critical. The N-Type connector range meets many customer application demands, including models that support up to 18GHz.

Available for a wide range of coaxial cables including low loss types. Plug versions are also available in straight, right angle and jack versions along with panel mount and bulkhead mount variations.



Key Features:

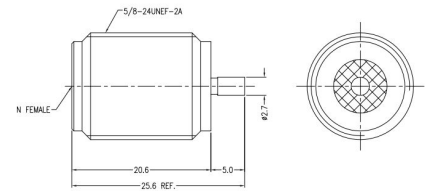
- 50-ohm Impedance
- Insulation resistance >5000MΩ
- Durability >500 Cycles
- Mode free Frequency up to 11 GHz (some Type-N Connectors can also operate up to 18 GHz)
- Available in Plug or Jack
- Beryllium Copper Contact Pin
- Body Material available in Stainless Steel Passivation

N Type Series Bulkhead



RFNAJNH

- ⊕ Max Voltage 500V
- ⊕ Operating Temperature -55C to +155C
- ⊕ Frequency Range 0-18GHz
- ⊕ VSWR <1.30
- ⊕ Dielectric withstanding Voltage >1500V



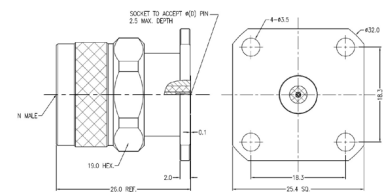
Part Number	Plug or Jack	Pin Diameter	Pin Length
RFNAJNH	Jack	2.70mm	5.00mm

N Type Series Socket 4 Hole Flange



RFNA4PGIF

- ⊕ Max Voltage 500V
- ⊕ Operating Temperature -55C to +155C
- ⊕ Frequency Range 0-18GHz
- ⊕ VSWR <1.30
- ⊕ Dielectric withstanding Voltage >1500V
- ⊕ Available with Extended PTFE



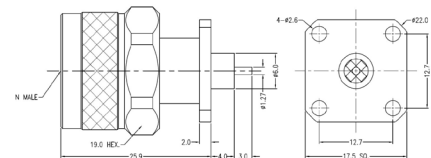
Part Number	Plug or Jack	Flange Mount Length	Mount Hole Distance	Socket Diameter
RFNA4JGID	Jack	25.40mm	18.30mm	0.46mm
RFNA4JGIE	Jack	25.40mm	18.30mm	0.51mm
RFNA4JGIF	Jack	25.40mm	18.30mm	0.91mm
RFNA4JFHD	Jack	17.50mm	12.70mm	0.46mm
RFNA4JFHE	Jack	17.50mm	12.70mm	0.51mm
RFNA4JFHF	Jack	17.50mm	12.70mm	0.91mm
RFNA4JCCD	Jack	12.70mm	8.60mm	0.46mm
RFNA4JCCE	Jack	12.70mm	8.60mm	0.51mm
RFNA4JCCF	Jack	12.70mm	8.60mm	0.91mm
RFNA4PGID	Plug	25.40mm	18.30mm	0.46mm
RFNA4PGIE	Plug	25.40mm	18.30mm	0.51mm
RFNA4PGIF	Plug	25.40mm	18.30mm	0.91mm
RFNA4PFHD	Plug	17.50mm	12.70mm	0.46mm
RFNA4PFHE	Plug	17.50mm	12.70mm	0.51mm
RFNA4PFHF	Plug	17.50mm	12.70mm	0.91mm
RFNA4PCCD	Plug	12.70mm	8.60mm	0.46mm
RFNA4PCCE	Plug	12.70mm	8.60mm	0.51mm
RFNA4PCCF	Plug	12.70mm	8.60mm	0.91mm

N Type Series Pin with Extended PTFE 4 Hole



RFNA4PFHLGIE

- ⊕ Max Voltage 500V
- ⊕ Operating Temperature -55C to +155C
- ⊕ Frequency Range 0-18GHz
- ⊕ VSWR <1.30
- ⊕ Dielectric withstanding Voltage >1500V
- ⊕ Available with Extended PTFE



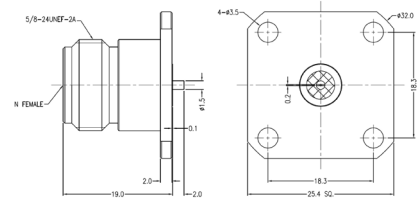
Part Number	Plug or Jack	Flange Mount Length	Mount Hole Distance	Extended PTFE Dia	Extended PTFE Length
RFNA4JGILGIE	Jack	25.40mm	18.30mm	6.00mm	4.00mm
RFNA4JFHLGIE	Jack	17.50mm	12.70mm	6.00mm	4.00mm
RFNA4JCCLGIE	Jack	12.70mm	8.60mm	6.00mm	4.00mm
RFNA4PGILGIE	Plug	25.40mm	18.30mm	6.00mm	4.00mm
RFNA4PFHLGIE	Plug	17.50mm	12.70mm	6.00mm	4.00mm
RFNA4JGILGIE	Jack	25.40mm	18.30mm	6.00mm	4.00mm

N Type Series Pin without Extended PTFE 4 Hole Flange



RFNA4JGIMF

- ⊕ Max Voltage 500V
- ⊕ Operating Temperature -55C to +155C
- ⊕ Frequency Range 0-18GHz
- ⊕ VSWR <1.30
- ⊕ Dielectric withstanding Voltage >1500V
- ⊕ Available with Extended PTFE



Part Number	Plug or Jack	Flange Mount Length	Mount Hole Distance	Pin Diameter	Pin Length
RFNA4JGIMF	Jack	25.40mm	18.30mm	1.50mm	2.00mm
RFNA4JFHMF	Jack	17.50mm	12.70mm	1.50mm	2.00mm
RFNA4JCCMF	Jack	12.70mm	8.60mm	1.50mm	2.00mm
RFNA4PGIMF	Plug	25.40mm	18.30mm	1.50mm	2.00mm
RFNA4PFHMF	Plug	17.50mm	12.70mm	1.50mm	2.00mm

Electrical:

Insulation Resistance:	>5000MΩ
Impedance:	50Ω
Centre Contact Resistance:	<1.0mΩ
Outer Contact Resistance:	<0.2mΩ

Mechanical:

Centre Contact Retention:	>20N
Coupling Torque:	0.80Nm to 1.10Nm
Coupling Torque RPC N:	1.36Nm
Cycles:	>500

Material

Body:	Passivation of Stainless Steel
Contact:	Beryllium Copper
Insulator:	UNFILLED ULTEM 1000/PEI
RoHS:	Compliant