

# CONN008-W ✓ ACTIVE

TE Internal #: CONN008-W

N Type RF Interface, Jack, 50  $\Omega$ , RG 142 / RG 55 / RG 400,

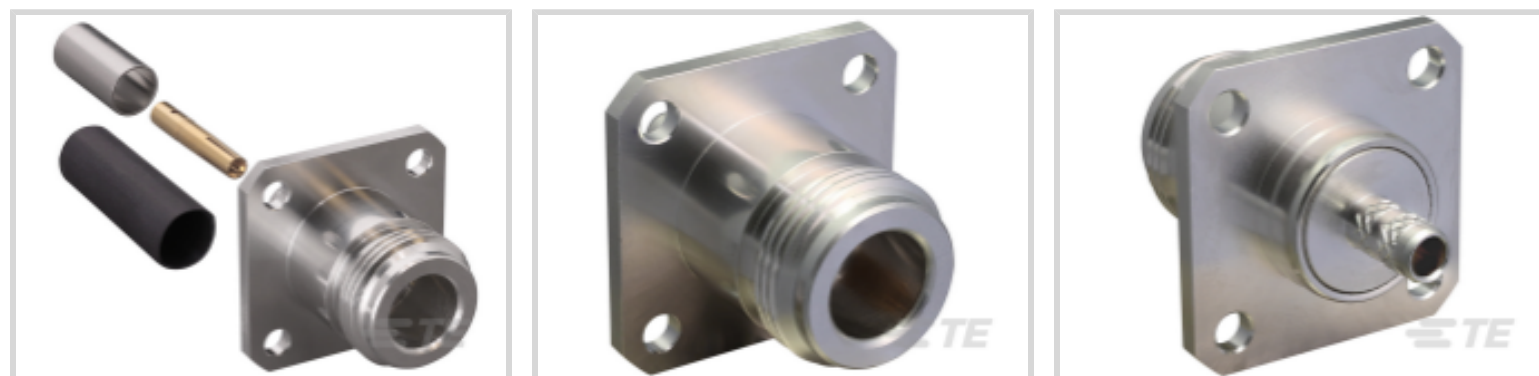
Threaded, 11 GHz Operating Frequency, 1 Position, Wire & Cable,

Panel Mount

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **N Type**

RF Connector Style: **Jack**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 142, RG 223, RG 400, RG 55**

RF Connector Coupling Mechanism: **Threaded**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	N Type
RF Connector Style	Jack
Compatible With RF Cable Type	RG 142, RG 223, RG 400, RG 55
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
-----------	-------------

### Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	White Bronze

### Contact Features

Ferrule Plating Material	White Bronze
--------------------------	--------------



Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

#### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

#### Mechanical Attachment

Panel Mount Feature Type	Square Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

#### Usage Conditions

Operating Temperature Range	-60 – 165 °C[-76 – 329 °F]
-----------------------------	----------------------------

#### Operation/Application

Operating Frequency	11 GHz
Circuit Application	Signal

#### Packaging Features

Packaging Quantity	250
Packaging Method	Bulk

#### Other

Dielectric Material	PTFE
---------------------	------

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability



Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # ADP-NM-NF-R-W  
N Plug to N Jack RA



TE Part # ANT-450-HSW-NP  
Antenna HSW 450 IP67 N Jack



TE Part # ANT-5GW-IPW1-NP  
Antenna Whip 5G WB Cell IP67 N Plug



TE Part # ANT-5GW-IPW2-NP  
Antenna Whip 5G WB Cell IP67 N Plug



TE Part # ANT-5GW-IPW3-NP  
Antenna 5GW LPWA ISM IP67 N-Plug



TE Part # ANT-5GW-SPNF1  
Antenna 5G WB Cell Dome IP67 N Jack



TE Part # L9000142-01  
Antenna 868/915 LPWA Dome IP67 N Jack



TE Part # ANT-DB1-LP-RM-01-N  
Antenna Directional Tri-Band Hi-Gain N



TE Part # ANT-MAG-RPSF-NM-1  
Magnetic Base RPS Jack MR195 1M N Plug



TE Part # ANT-MAG-SMAF-NM-1  
Magnetic Base SMA Jack MR195 1M N Plug



TE Part # ANT-W63-IPW1-NP  
Antenna WiFi/6E IP67 Whip N Plug



TE Part # ANT-W63-SPNF1  
Antenna WiFi/6E Dome N Jack

## Customers Also Bought



TE Part #51863-2  
TERMINAL PIDG R IR 22 6



TE Part #YDTS20F17-26SNV001  
RECP ASSY



TE Part #YDTS24F13-04PAV001  
RECP ASSY



TE Part #YDTS26F25-19PNV001  
PLUG ASSY



TE Part #0660-206-0882  
CONT PIN



TE Part #38941-12L  
CONT PIN



TE Part #7-1377173-9  
SMP 0-0165034-0



TE Part #CONN007-4-W  
N Type Plug 50 Ohm Cable Crimp



TE Part #YDTS20F25-19SNV001  
RECP ASSY



TE Part #38943-12L  
CONTACT T12 FEMELLE (= 724-0007-12)

## Documents

### Product Drawings

[N Type Plug 50 Ohm Panel Mount Crimp](#)

English

### Datasheets & Catalog Pages

[N Panel Mount Jack Coaxial Connector](#)

English