

CONN007-1-W ✓ ACTIVE

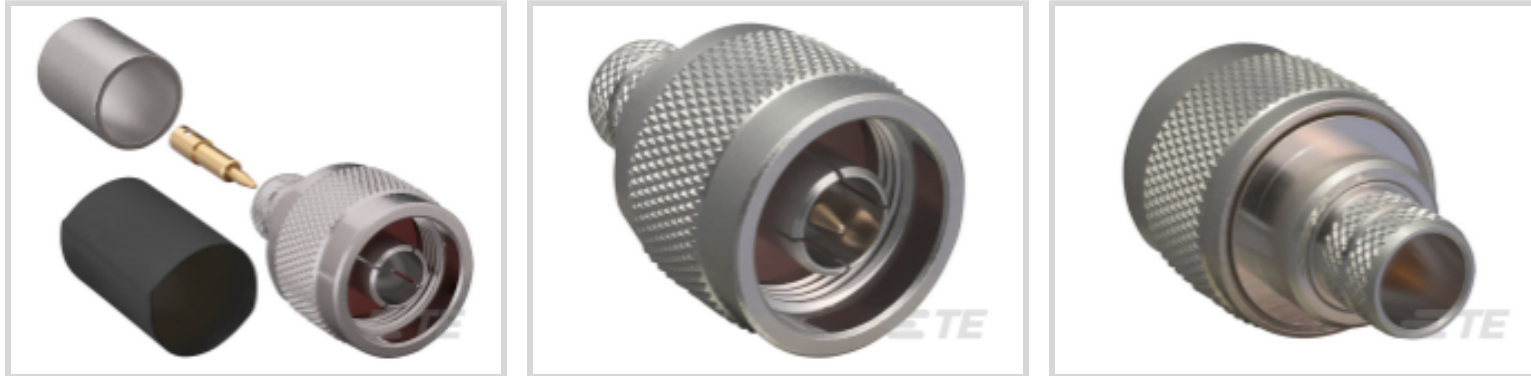
TE Internal #: CONN007-1-W

N Type RF Interface, Plug, 50 Ω , Belden 9914 / LMR 400 / Belden 9913, Threaded, 11 GHz Operating Frequency, 1 Position, Wire & Cable

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **N Type**

RF Connector Style: **Plug**

Impedance: **50 Ω**

Compatible With RF Cable Type: **Belden 9913, Belden 9914, LMR 400**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	Belden 9913, Belden 9914, LMR 400
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
-----------	-------------

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	Brass
--------------------------------------	-------

Termination Features

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

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
---------------------------------	----------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

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
------------------------------	-----------

EU ELV Directive 2000/53/EC	Not Yet Reviewed
-----------------------------	------------------

China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
---	---

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
--	---

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

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-NF-NF-B-W
N Type Jack to N Type Jack Bulkhead



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-SPNF1
Antenna 5G WB Cell Dome IP67 N Jack



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



TE Part # ANT-W63-SPNF1
Antenna WiFi6/6E Dome N Jack




TE Part # ARR-NF-NF-B
Arrestor Blkhd N Jack to N Jack



TE Part # ARR-NF-NF-B-8
Arrestor Hi-Freq Blkhd N Jack to N Jack



TE Part # ARR-NF-NM-B
Arrestor Blkhd N Jack to N Plug



TE Part # ARR-NF-NM-B-8
Arrestor Hi-Freq Blkhd N Jack to N Plug

Customers Also Bought



Documents

Datasheets & Catalog Pages

N Plug Coaxial Cable Mount Connector

English