

1-1478213-0 ✓ ACTIVE

TE Internal #: 1-1478213-0

RF Connectors, N Type RF Interface, Jack, 50 Ω , URM 67 / Raychem

EPD 29108Q / RG 213, Threaded, 11 GHz Operating Frequency,

Cable-to-Panel, 1 Position

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **N Type**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **19.05 mm [.75 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **KX 4, PSF 1/4M, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, RG 213, RG 8A, URM 67**

Features

Product Type Features

Connector Seal Type	Gasket
RF Interface	N Type
RF Connector Style	Jack
Compatible With RF Cable Type	KX 4, PSF 1/4M, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, RG 213, RG 8A, URM 67
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Silver



Contact Features

RF Connector Contact Configuration	Captivated Contacts
Ferrule Plating Material	Silver
Crimp Type	Hex
Ferrule Material	Annealed Copper
RF Connector Center Contact Plating Material	Silver
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature Type	Hex Nut
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Panel Thickness (Recommended)	9.5 mm[.374 in]
RF Connector Mated Outer Diameter (Approximate)	19.05 mm[.75 in]

Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	11 GHz
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Packaging Features

Packaging Quantity	50
Packaging Method	Box

Other

Gasket Material	Silicone Rubber
Lockwasher Material	Brass
Grade	Commercial
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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (4% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 <p>TE Part # 1-1478420-0 N Str Plg PS 50Ohm Silver Pltd PSF1 /4M,</p>	 <p>TE Part # 1-1337416-0 N Str Plg Hex 50Ohm Silver Pltd RG58C/U,</p>	 <p>TE Part # 1-1337415-0 N Str Plg Hex 50Ohm Silver Pltd RG9B /U,</p>	 <p>TE Part # 1-1478418-0 N R/A Plg PS 50Ohm Silver Pltd PSF 1 /4M,</p>
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Documents

Product Drawings

[N RM BHJ Hex 50Ohm Silver Pltd PSF 1/4M,](#)

English

Datasheets & Catalog Pages

[1307191 RF Coax Products Catalog](#)

English