

TNC Jack Right Angle Bulkhead Mount Connector Solder Attachment

PE51260



Configuration

- TNC Jack Connector
- 50 Ohms
- Right Angle Body Geometry
- Bulkhead

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 4 µin Minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE51260 Right Angle, TNC, Standard, Connector is part of our full line of RF components available for same-day shipping. Our TNC jack connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces. This TNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our TNC jack right angle bulkhead connector PE51260 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Electrical Specification Notes:

Insertion loss is $\leq 0.1 \cdot \sqrt{F(\text{GHz})}$ dB

Mechanical Specifications

Size

Length	1.358268 in [34.5 mm]
Width	0.590551 in [15 mm]
Height	0.830709 in [21.1 mm]
Weight	0.09921 lbs [45 g]
Mating Cycles	500 Cycles

TNC Jack Right Angle Bulkhead Mount Connector Solder Attachment



PE51260

Mating Torque	4.1 to 6.1 in-lbs [[0.46 to 0.69 Nm]]
---------------	---------------------------------------

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 4 µin Minimum
Insulation	PTFE	
Body	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Coupling Nut	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Gasket	Silicone	
Washer	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Thermal Shock

MIL-STD-202, Method 107, Condition B

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

TNC Jack Right Angle Bulkhead Mount Connector Solder Attachment from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Jack Right Angle Bulkhead Mount Connector Solder Attachment PE51260](#)

URL: <https://www.pasternack.com/tnc-jack-connector-pe51260-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE51260 CAD Drawing
TNC Jack Right Angle Bulkhead Mount Connector Solder Attachment

