



Bulkhead Mount N Female to TNC Female Adapter

RF Adapters Technical Data Sheet

PE9482

Configuration

- N Female Connector 1
- TNC Female Connector 2
- 50 Ohm
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.35:1 up to 10 GHz
- Type N interface compliant with MIL-STD-348A
- TNC interface compliant with MIL-STD-348A
- 30 µin minimum contact plating
- Max VSWR of 1.35:1 up to 10 GHz
- N Interface compliant with MIL-STD-348A
- TNC Interface compliant with MIL-STD-348A
- Gold Plated Contact
- 30 µin min Gold Contact Plating

Applications

- Allows Connection Between Series
- Rack Mounted Equipment
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment

Description

Pasternack's PE9482 bulkhead type N female to TNC female adapter is part of our full line of RF components available for same-day shipping. Our type N to TNC adapter has a female to female gender configuration. PE9482 type N female to TNC female adapter operates to 10 GHz. The Pasternack RF adapter provides good VSWR of 1.35:1 maximum. This RF type N bulkhead to TNC adapter 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. Pasternack's PE9482 bulkhead type N female to TNC female adapter is part of our full line of RF components available for same-day shipping. Our type N to TNC adapter has a female to female gender configuration. PE9482 type N female to TNC female adapter operates to 10 GHz. The Pasternack RF adapter provides good VSWR of 1.35:1 maximum. This RF type N bulkhead to TNC adapter 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.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1	mOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bulkhead Mount N Female to TNC Female Adapter PE9482](#)



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Insulation Resistance 5,000 MOhms

Mechanical Specifications

Size

Length 1.5 in [38.1 mm]
Width 0.827 in [21.01 mm]
Weight 0.094 lbs [42.64 g]

Description	Connector 1	Connector 2
Type	N Female	TNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Mating Cycles	500	500

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		TNC Female	
Contact	Brass	Gold 30 µin minimum	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 µin minimum	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Vibration
Salt Spray

MIL-STD-202, Method 204, Condition D
MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bulkhead Mount N Female to TNC Female Adapter PE9482](#)

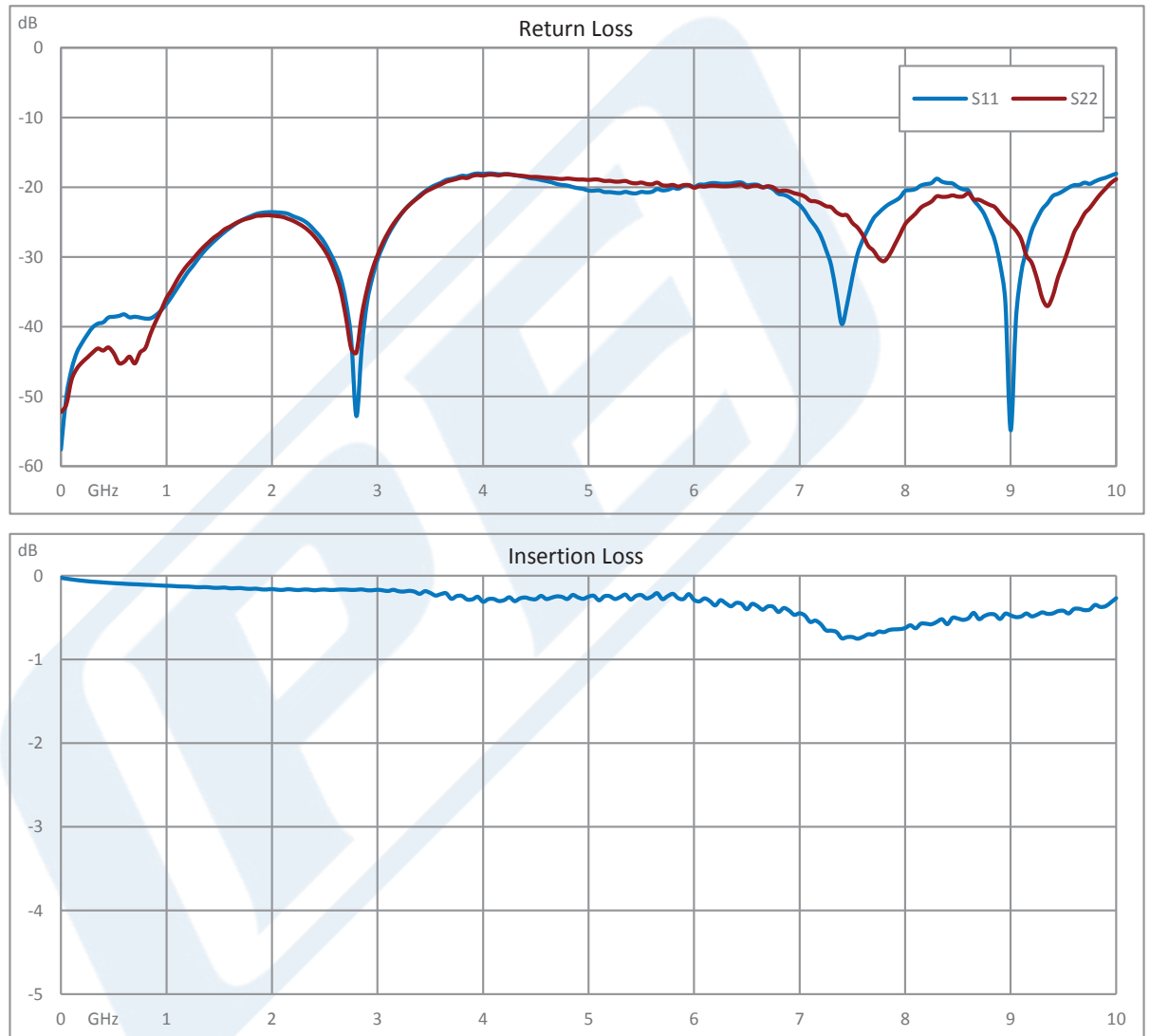


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Typical Performance Data



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Bulkhead Mount N Female to TNC Female Adapter 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: [Bulkhead Mount N Female to TNC Female Adapter PE9482](https://www.pasternack.com/n-female-tnc-female-straight-adapter-pe9482-p.aspx)

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The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES (mm).

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SCALE N/A

SIZE A

3045