TNC Jack to TNC Jack 30 Degree Adapter

PE910134

Configuration
- TNC Jack Connector 1
- TNC Jack Connector 2
- 50 Ohms Impedance
- 30 Degree Body Geometry

Features
- Max VSWR of 1.2:1 up to 18 GHz
- Gold Over Nickel-Phosphorus Alloy Over Copper Plated Beryllium Copper Contact

Applications
- General Purpose Test

Description
Pasternack's PE910134 TNC jack to TNC jack 30 degree adapter is part of our full line of RF components available for same-day shipping. Our TNC to TNC adapter has a jack to jack gender configuration built of durable stainless steel. PE910134 TNC jack to TNC jack adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.2:1 maximum. This 30 degree TNC to TNC adapter allows for easier connections in tight spaces.

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		18	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.296	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.63 in [41.50 mm]
Width	0.43 in [10.92 mm]
Height	0.80 in [20.19 mm]
Weight	0.04 lbs [17.28 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Description	Connector 1	Connector 2
Mating Cycles, Min	500	500
Mating Torque	4.1 to 6.1 in-lbs 0.46 to 0.69 Nm	4.1 to 6.1 in-lbs 0.46 to 0.69 Nm
Contact Captivation Axial Force, Min	6.1 lbs [2.77 kg]	6.1 lbs [2.77 kg]
Coupling Proof Torque	15 in-lbs [1.7 Nm]	15 in-lbs [1.7 Nm]

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	TNC Jack		TNC Jack	
Contact	Beryllium Copper	Gold Over Nickel-Phospho-rus Alloy Over Copper	Beryllium Copper	Gold Over Nickel-Phospho-rus Alloy Over Copper
Insulation	PTFE		PTFE	
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range	-65 to +165 ºC
Humidity	MIL-STD-202, Method 206
Thermal Shock	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

TNC Jack to TNC Jack 30 Degree 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: TNC Jack to TNC Jack 30 Degree Adapter PE910134

URL: https://www.pasternack.com/tnc-jack-to-tnc-jack-30-degree-adapter-pe910134.html

PE910134 CAD Drawing

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