

TNC reverse polarity jack to TNC reverse polarity jack



AXA-RTJRTJ2

Configuration

- TNC Jack Reverse Polarity Connector 1
- TNC Jack Reverse Polarity Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.122	dB
Operating Voltage (DC)			500	Vdc
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Description	Connector 1	Connector 2
Polarity	Reverse Polarity	Reverse Polarity
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]
Coupling Retention, Min	101.2 lbs [45.9 kg]	101.2 lbs [45.9 kg]

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TNC Jack Reverse Polarity		TNC Jack Reverse Polarity	
Contact	Brass	Gold over Nickel-Phosphorus Alloy over Copper	Brass	Gold over Nickel-Phosphorus Alloy over Copper
Insulation	PTFE		PTFE	
Body	Brass	Copper-Tin-Zinc Alloy	Brass	Copper-Tin-Zinc Alloy

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Environmental Specifications

Temperature

Operating Range

-65 to +165 °C

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 reverse polarity jack to TNC reverse polarity jack from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/tnc-reverse-polarity-jack-tnc-reverse-polarity-jack-axa-rtjrtj2.html>

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AXA-RTJRTJ2 CAD Drawing

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