

N Female Low PIM Connector Solder Attachment for SPO-375, SPF-375, SPP-375-LLPL

TC-375-NF-LP-LC



Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- SPO-375, SPF-375, SPP-375-LLPL Interface Type
- Solder/Solder Attachment
- Low PIM Design

Features

- Operating Frequency up to 6 GHz
- VSWR Rating of 1.25:1
- PIM levels better than -160 dBc
- Brass Contact with 196 µin Silver Plating

Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications
- Distributed Antenna Systems (DAS)

Description

L-com's N Female Low PIM Connector Solder Attachment for SPO-375, SPF-375, SPP-375-LLPL uses a solder/solder attachment method. This N connector is one of the many RF coaxial connectors available in L-com's product line and like all our products, ships the same day of purchase. Our N Female connector operates up to a maximum frequency of 6 GHz.

The specifications and a basic dimensional drawing for TC-375-NF-LP-LC N Female can be found in this datasheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building connectorized cable assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, to connectivity with test equipment or as part of a system installation. In addition to our offering of RF connectors and coaxial cable, L-com also offers both standard and custom cable assemblies to fit your specific needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	
Insertion Loss			0.1	dB
Passive Intermodulation			-160	dBc
Operating Voltage (DC)			2,000	Vdc
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.26in	[32mm]
Width/Dia.	0.95in	[24.13mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Low PIM Connector Solder Attachment for SPO-375, SPF-375, SPP-375-LLPL TC-375-NF-LP-LC](#)

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Mating Torque

6 to 10in-lbs

[0.68 to 1.13Nm]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver 196 µin
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 118 µin
Coupling Nut	Brass	Tri-Metal 118 µin
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range

-55°C to +155°C

Shock

US MIL-STD 202

Vibration

US MIL-STD 202

Thermal Shock

US MIL-STD 202

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

Plotted and Other Data

N Female Low PIM Connector Solder Attachment for SPO-375, SPF-375, SPP-375-LLPL 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. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Low PIM Connector Solder Attachment for SPO-375, SPF-375, SPP-375-LLPL TC-375-NF-LP-LC

URL: <https://www.l-com.com/n-female-low-pim-connector-solder-attachment-spo-375-spf-375-spp-375-llpl-tc-375-nf-lp-lc-p.aspx>

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