7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250

TC-250-716M-RA-LP-LC

Configuration

- 7/16 DIN Male Connector
- 50 Ohms
- Right Angle Body Geometry
- SPP-250-LLPL, SPF-250, SPO-250 Interface Type
- Solder/Solder Attachment
- Low PIM Design

Features

- Operating Frequency up to 6 GHz
- VSWR Rating of 1.3:1
- 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 7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250 uses a solder/solder attachment method. This Right Angle 7/16 DIN 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 7/16 DIN Male connector operates up to a maximum frequency of 6 GHz.

The specifications and a basic dimensional drawing for TC-250-716M-RA-LP-LC 7/16 DIN Male 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			1.3:1	
Insertion Loss			0.1	dB
Passive Intermodulation			-160	dBC
Operating Voltage (DC)			1,500	Vdc
Inner Conductor DC Resistance			0.4	mOhms
Outer Conductor DC Resistance			1.5	mOhms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250 TC-250-716M-RA-LP-LC

7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250

TC-250-716M-RA-LP-LC

Mechanical Specifications

Size

Length	1.31in	[33.27mm]
Width/Dia.	1.14in	[28.96mm]
Height	1.02in	[25.91mm]
Mating Torque	265.52in-lbs	[30.00Nm]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver 196 µin
Insulation	PTFE	
Body	Brass	Nickel 118 µin
Coupling Nut	Brass	Nickel 118 µin
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-55ºC to +155ºC
Humidity	IP67
Shock	MIL-STD 202G, Method 213, Condition I
Vibration	MIL-STD 202G, Method 204, Condition B
Thermal Shock	MIL-STD 202G, Method 107, Condition B

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250 TC-250-716M-RA-LP-LC

7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250

TC-250-716M-RA-LP-LC

Compliance Certifications (see product page for current document)

Plotted and Other Data

7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250 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: 7/16 DIN Male Right Angle Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250 TC-250-716M-RA-LP-LC

URL: https://www.l-com.com/7-16-din-male-right-angle-low-pim-connector-solder-attachment-1-4-inch-superflexible-spf-250-spo-250-spp-250-llpl-pe-1-4sfhc-tc-250-716m-ra-lp-lc-p.aspx

L-com CAD Drawing