QMA Male Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250, PE-1/4SFHC

PE45430

Configuration

- QMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: SPP-250-LLPL, SPO-250, SPF-250, PE-1/4SFHC
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- PIM levels lower than -150 dBc
- Silver Plated Brass Contact

Applications

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

Description

Pasternack's PE45430 , QMA, Low PIM, Connector is part of our full line of RF components available for same-day shipping. Our QMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. The QMA male connector also has low passive intermodulation of -150 dBc.

Our QMA male connector PE45430 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insertion Loss			0.1	dB
Passive Intermodulation			-150	dBc
Operating Voltage (AC)			250	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Electrical Specification Notes:
Insertion Loss is 0.04*sqrt(FGHz)

Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width	0.42 in [10.67 mm]
Height	0.42 in [10.67 mm]
Weight	0.026 lbs [11.79 g]

+1 (866) 558-2786 | sales@pasternack.com | pasternack.com

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Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Outer Conductor	Phosphor Bronze	Tri-Metal
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-55 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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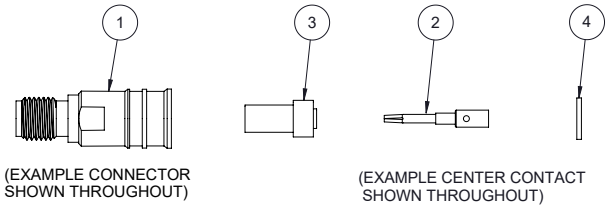
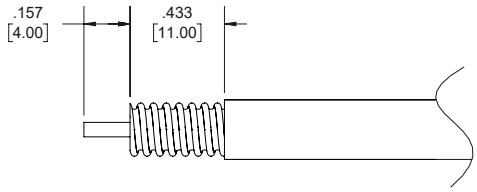
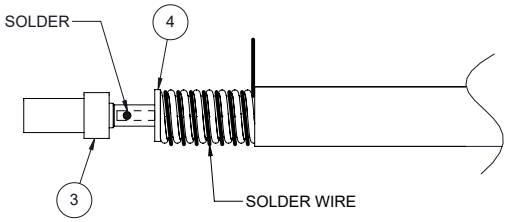
Assembly Instruction



1. STRIP CABLE AS SHOWN, CHAMFER CENTER CONDUCTOR AND DEBURR CABLE.



2. SLIDE THICKER INSULATOR (3) OVER CENTER CONTACT AND SLIDE THINNER INSULATOR (4) OVER CABLE CENTER CONDUCTOR. INSERT CENTER CONTACT AND SOLDER. WRAP THE CABLE BY SOLDER WIRE.



3. PUSH THE CONNECTOR BODY INTO THE CABLE, UNTIL IT STOPS. SOLDER THE CONNECTOR BODY WITH CABLE AND COVER HEATSHRINK SLEEVE.

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QMA Male Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250, PE-1/4SFHC 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: QMA Male Low PIM Connector Solder Attachment for SPP-250-LLPL, SPO-250, SPF-250, PE-1/4SFHC PE45430

URL: https://www.pasternack.com/qma-male-spp-250-llpl-connector-pe45430-p.aspx

PE45430 CAD Drawing

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