

4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



RF Connectors
Technical Data Sheet



TC-402-4310F-BH-LP

Times Microwave Systems Connector Specification

Configuration

- 4.3-10 Female Connector
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.25:1
- PIM levels lower than -160 dBc

- Connector Interface Types: TFT-402, TFT-402-LF
- Bulkhead
- Low PIM Design
- Silver Plated Phosphor Bronze Contact
- 200 µin contact plating

Applications

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

Description

Pasternack's TC-402-4310F-BH-LP 4.3-10 female bulkhead connector with solder/solder attachment for TFT-402 and TFT-402-LF is part of our full line of RF components available for same-day shipping. Our 4.3-10 female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. The 4.3-10 female connector also has low passive intermodulation of -160 dBc. This 4.3-10 bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 4.3-10 female bulkhead connector TC-402-4310F-BH-LP 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

Minimum	Typical	Maximum	Units
DC		6	GHz
		1.25:1	
		0.24	dB
		-160	dBc
		2,500	Vdc
5,000			MOhms
	DC	DC	DC 6 1.25:1 0.24 -160 2,500

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF TC-402-4310F-BH-LP

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4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



RF Connectors Technical Data Sheet



TIMES MICROWAVE SYSTEMS TC-402-4310F-BH-LP

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.1:1	1.25:1				

Electrical Specification Notes: Insertion Loss is 0.1*sqrt(FGHz)

Mechanical Specifications

Size

Length Width/Dia.

Mating Cycles Cable Retention Force 1.449 in [36.8 mm] 0.867 in [22.02 mm]

500 Cycles 22 lbs [9.98 kg]

Material Specifications

Description	Material	Plating		
Contact	Phosphor Bronze	Silver 200 μin		
Insulation	PTFE			
Outer Conductor	Brass	Tri-Metal 80 μin		
Body	Brass	Tri-Metal 80 μin		

Environmental Specifications

Temperature

Operating Range Shock

Vibration Thermal Shock

Environmental Specification Notes: Climatic Class: IEC 60068 55/155/56 -55 to +85 deg C

MIL-STD 202G, Meth. 213, Cond. I MIL-STD 202G, Meth. 204, Cond. B MIL-STD 202G, Meth. 107, Cond. B

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF TC-402-4310F-BH-LP

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4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



RF Connectors Technical Data Sheet



Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF 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: 4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF TC-402-4310F-BH-LP

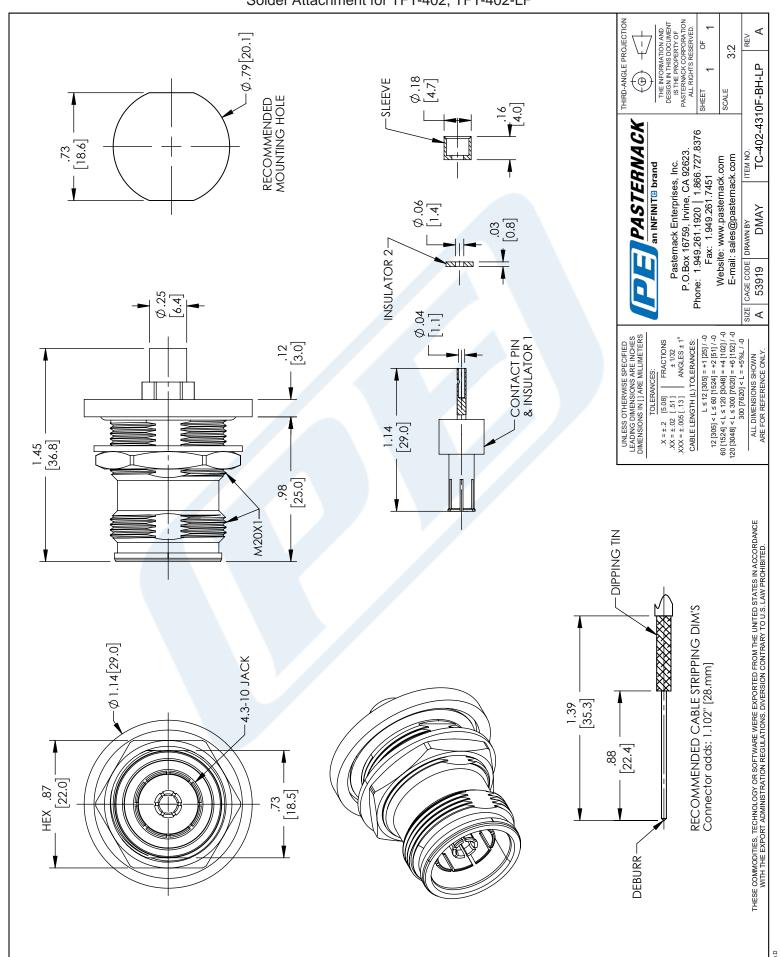
URL: https://www.pasternack.com/4.3-10-female-tft-402-connector-tc-402-4310f-bh-lp-p.aspx

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TIMES MICROWAVE SYSTEMS TC-402-4310F-BH-LP CAD Drawing

4.3-10 Female Bulkhead Mount Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF





QMA Male Low PIM Connector Solder Attachment for TFT-402. TFT-402-LF

RF Connectors Technical Data Sheet





Connector Interface Types: TFT-402, TFT-402-LF

Times Microwave Systems Connector Specification

Configuration

- QMA Male Connector
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1

- Silver Plated Brass Contact
- 5 µm contact plating

Low PIM Design

Applications

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

Description

Pasternack's TC-402-QM-LP QMA male connector with solder/solder attachment for TFT-402 and TFT-402-LF 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 3 GHz and offers excellent VSWR of 1.2:1.

Our QMA male connector TC-402-QM-LP 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

Minimum	Typical	Maximum	Units
DC		3	GHz
		1.2:1	
		0.1	dB
		1,000	Vdc
		3	mOhms
		2.5	mOhms
5,000			MOhms
	DC	DC	DC 3 1.2:1 0.1 1,000 3 2.5

Electrical Specification Notes: Insertion Loss is 0.1*sqrt(FGHz)

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 TFT-402, TFT-402-LF TC-402-QM-LP

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QMA Male Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



RF Connectors Technical Data Sheet



Mechanical Specifications

Size

Lenath 0.669 in [16.99 mm] Width/Dia. 0.413 in [10.49 mm]

Mating Cycles 100 Cycles Cable Retention Force 13 lbs [5.9 kg]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver 5 µm
Insulation	PTFE	
Body	Brass	Silver 5 µm

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C Shock IEC 60068 -2-27 Vibration IEC 60068 -2-6-Fc Thermal Shock IEC 60068 -2-14-Na

Environmental Specification Notes: Weather Standard: IEC 60068 40/085/21

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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 TFT-402, TFT-402-LF TC-402-QM-LP



QMA Male Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



RF Connectors Technical Data Sheet



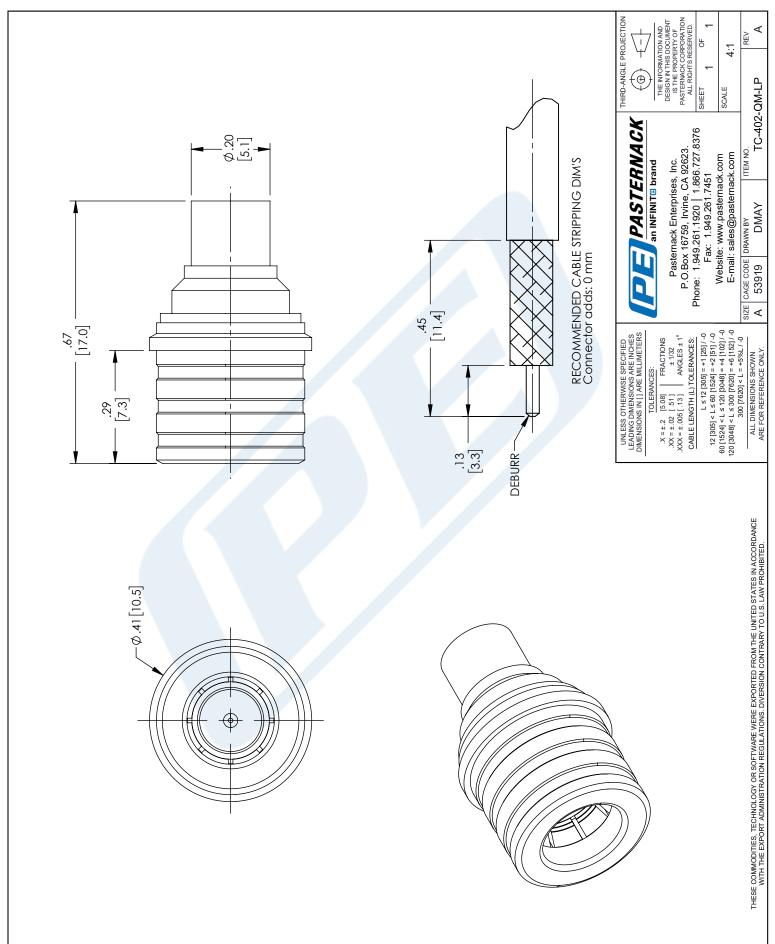
QMA Male Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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 TFT-402, TFT-402-LF TC-402-QM-LP

URL: https://www.pasternack.com/gma-male-tft-402-connector-tc-402-qm-lp-p.aspx

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TIMES MICROWAVE SYSTEMS TC-402-QM-LP CAD Drawing QMA Male Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF







Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet



Times Microwave Systems Coax Cable Specification Configuration

- Low PIM Flexible Cable
- 2 Shield(s)

Features

- PIM < -160 dBc
- UL910 Plenum Rated Cable
- · Lightweight and Extremely Flexible

- Low Loss
- Good Shielding >80 dB
- **UV Resistant Jacket**

Applications

- · Base Stations
- · Antenna Pigtails
- Distributed Antenna Systems
- (DAS)
- Plenum Installations
- Small Cells

 Multi-Carrier Communication Systems

Description

TFT-402-LF low pim flexible coax cable by Times Microwave is part of our full line of RF components available for sameday shipping. The TFT-402-LF plenum rated coaxial cable features a taped PTFE dielectric, solid copper center conductor and a dual-braid outer conductor. These features combine to make the Times Microwave TFT-402-LF an extremely flexible, low loss and low PIM coax cable that is well suited for Distributed Antenna Systems (DAS), plenum installations or small cells. The tough, FEP jacket provides moisture, UV protection and resistance to corrosive environments.

Our datasheet specifications and drawing with dimensions for Times Microwave TFT-402-LF coax cable are shown below in this PDF. Whether the need is to provide a low PIM jumper connection, low PIM antenna pigtails or simply create a custom cable assembly configuration, Pasternack has the right TFT-402-LF cable assemblies for the job.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
Velocity of Propagation		76		%
Shielding Effectiveness	80			dB
Passive Intermodulation			-160	dBc
Nominal Capacitance		26.7 [87.6]		pF/ft [pF/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket TFT-402-LF

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Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet



Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.45	1.9	2.3	4.9	5.8	GHz
Attenuation, Typ	7.9 25.92	16.4 53.81	18.2 59.71	27 88.58	29.5 96.78	dB/100ft dB/100m
Input Power (CW), Max	430	200	180	120	110	Watts

Mechanical Specifications

Diameter Weight

0.16 in [4.06 mm] 0.028 lbs/ft [0.04 Kg/m]

Min. Bend Radius (Installation)

0.75 in [19.05 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strands	0.037 in [0.94 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.113 in [2.87 mm]
First Shield	Tin	0.121 in [3.07 mm]
Outer Conductor	Copper, Tin	0.138 in [3.51 mm]
Jacket	FEP, Blue	0.16 in [4.06 mm]

Environmental Specifications Temperature

Operating Range

-55 to +150 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket TFT-402-LF





Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet



Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM Flexible TFT-402-LF Coax Cable Double Shielded with Blue FEP Jacket TFT-402-LF

URL: https://www.pasternack.com/low-pim-flexible-fep-jacket-tin-outer-conductor-double-shielded-tft-402-lf-p.aspx

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