

SMP Male (Plug) Bulkhead Limited Detent Connector For RG405 Cable, Solder

SMP male limited detent bulkhead connector with solder/solder attachment for RG405, part number FMCO1053, from Fairview Microwave is in-stock and ships same day. This SMP male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. This blind mate connector is ideal for applications without direct visual or tactile access to the connection point, for example, when two circuit boards need to be mated. Fairview's FMCO1053 bulkhead SMP connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's SMP male bulkhead connector FMCO1053 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.3:1	
Operating Voltage (AC)			350	Vrms

Mechanical Specifications

Size

Length	0.325 in [8.26 mm]
Width/Dia.	0.24 in [6.10 mm]
Height	0.374 in [9.5 mm]
Weight	0.0065 lbs [2.95 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 3μ in. minimum
Insulation	PTFE	
Body	Brass	Gold 3μ in. minimum
Coupling Nut	Brass	Gold 3μ in. minimum



Configuration:

- Limited Detent SMP Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG405 Interface Type
- Solder/Solder Attachment
- Bulkhead

Features:

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.3:1
- Blind Mate Connector
- Gold Plated Beryllium Copper Contact
- 3μ in. minimum contact plating

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

SMP Male (Plug) Bulkhead Limited Detent Connector For RG405 Cable, Solder from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMP Male \(Plug\) Bulkhead Limited Detent Connector For RG405 Cable, Solder FMCO1053](#)

URL: <https://www.fairviewmicrowave.com/smp-male-push-on-rg405-connector-fmco1053-p.aspx>

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