

## 4.3-10 Male Connector for RG-402 Cable, Solder

SKU: ACC-PT-00384

MPN: 431-S-402

Barcode: 9337692004414

### Description

4.3-10 RF connectors are designed to meet the advanced demands of 4G and 5G applications, supporting SINR sensitive applications, very high order modulation schemes, wide aggregated bandwidths, and extended operating bands up to 6 GHz.

With the deprecation of N connectors, 4.3-10 connectors are a popular replacement in passive and off-air IBC where RG-402 forms an integral patching component.

This 4.3-10 Male connector terminates 0.141" Semi Rigid and Semi-Flexible cables, such as RG-402. The connector is weatherproof when mated with an IP65 female connector.

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This RG-402 connector commonly finds its use in OTA and Distributed Antenna Systems, as well as a range of military and aerospace applications.

Both inner conductor and outer conductor must be soldered to the coaxial cable. No crimping tool is used.



# RF Connector Interface

<b>RF Interface</b>	<b>Body Shape</b>	<b>Mounting</b>
4.3-10 Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 1\text{ m}\Omega$
		Insulation Resistance:	$\geq 5000\text{ m}\Omega$
		Outer Contact Resistance:	$\leq 1\text{ m}\Omega$
		RF Operating Voltage:	$\leq 500\text{ Vrms}$

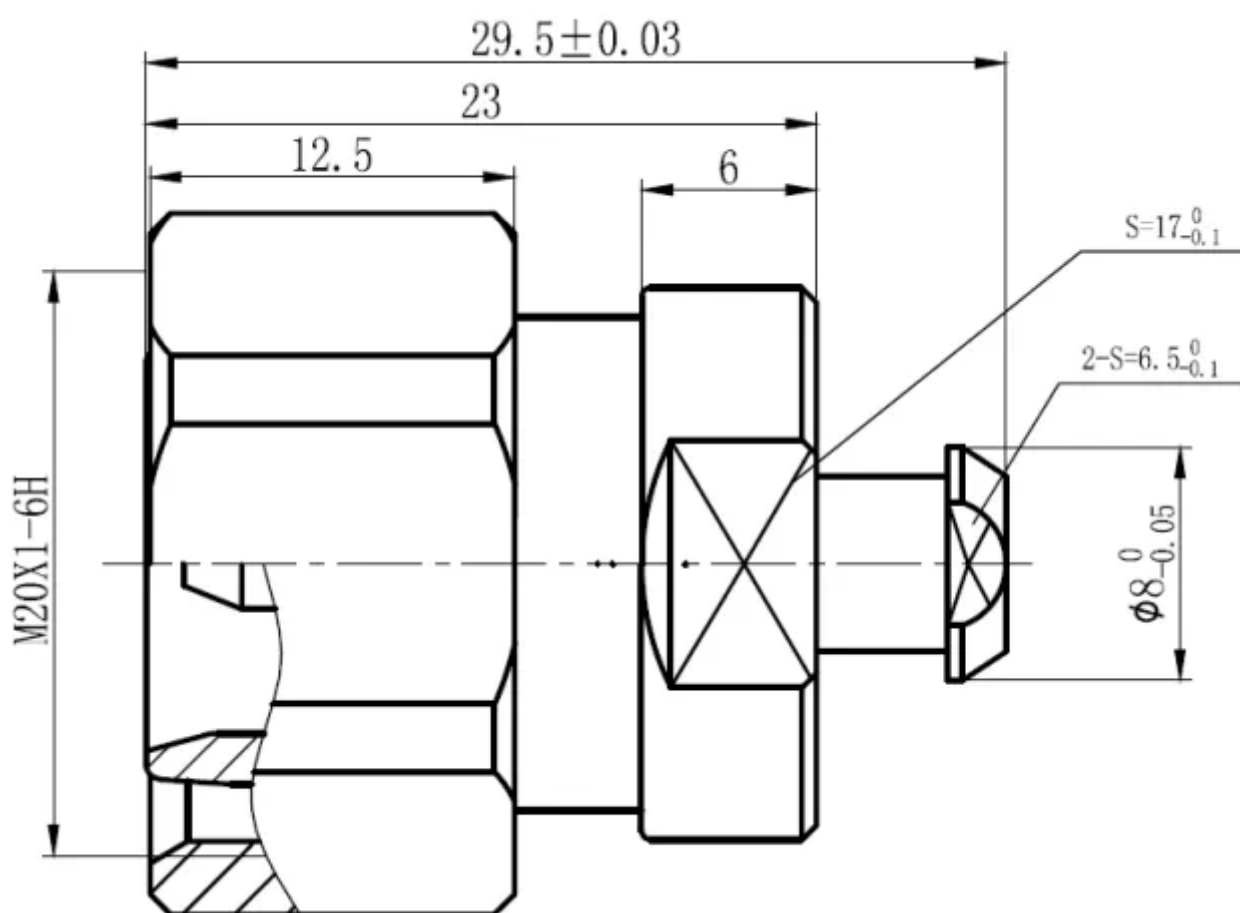
### VSWR Measurement

Frequency	VSWR
3000 MHz	$\leq 1.15:1$
6000 MHz	$\leq 1.3:1$

## Physical Specification

Cable Group:	RG-402	Conductor Attachment:	Cable, Solder
Body Material:	Brass	Contact Material:	Brass
Body Plating:	White Bronze	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Dimensions:	29.5 × 34 × 34	Max. Operating Temperature:	85 °C
Weight:	49 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

## Drawing



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