Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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.

Read More

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.



Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

RF Interface	Body Shape	Mounting

4.3-10 Male Straight Free Hanging

RF Specification

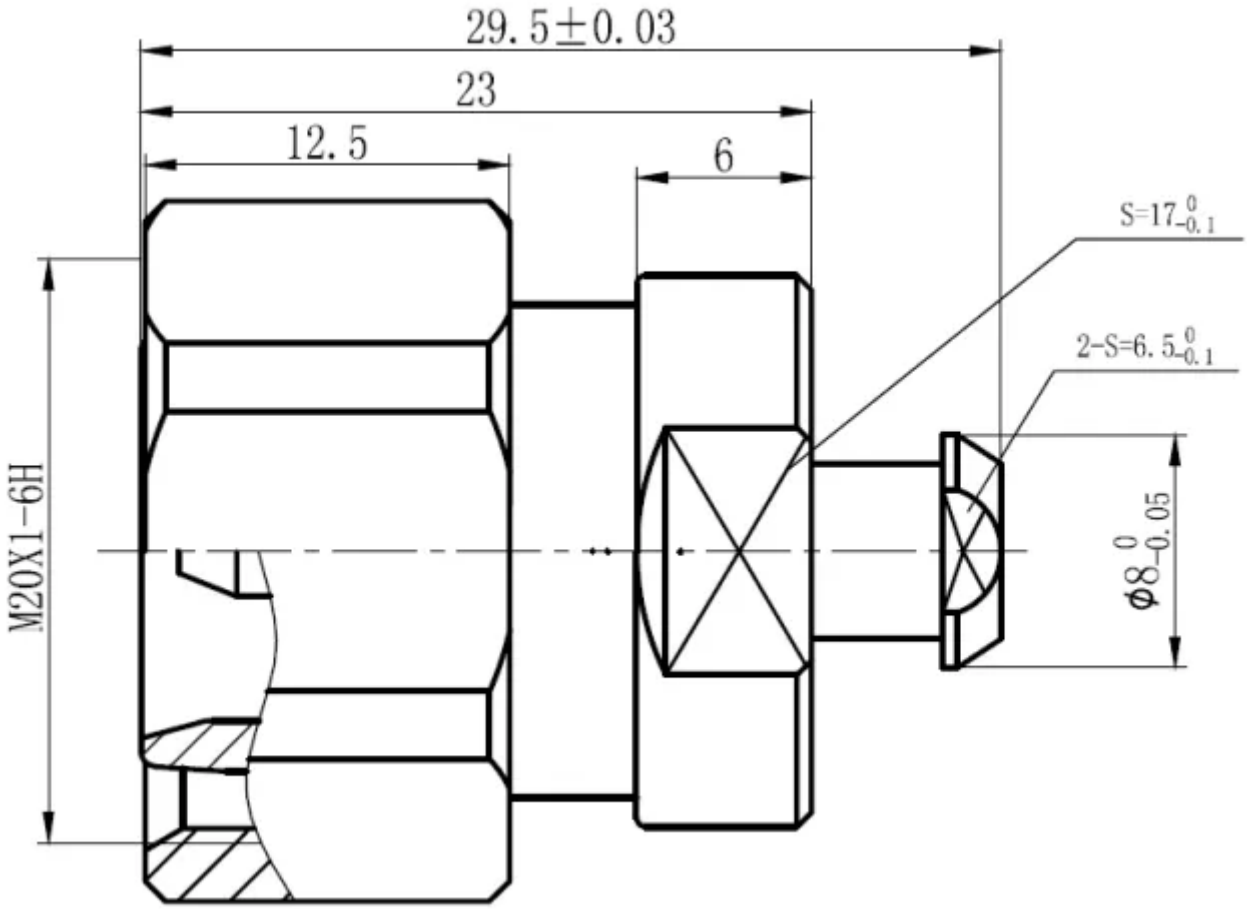
Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage
≤ 500 Vrms
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.15:1
6000 MHz	≤ 1.3:1

Physical Specification

Cable Group
RG-402
Body Material
Brass
Body Plating
White Bronze
Insulator Material
PTFE / Teflon
Dimensions
29.5 × 34 × 34
Weight
49 g
Compliance/Certifications
ISO 9001 Quality Management
,

RoHS
Conductor Attachment
Cable, Solder
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500
Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE

LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

