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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.



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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

$\leq 1 \text{ m}\Omega$

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](#)

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](#)

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[RoHS](#)

Conductor Attachment

[Cable, Solder](#)

Contact Material

[Brass](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

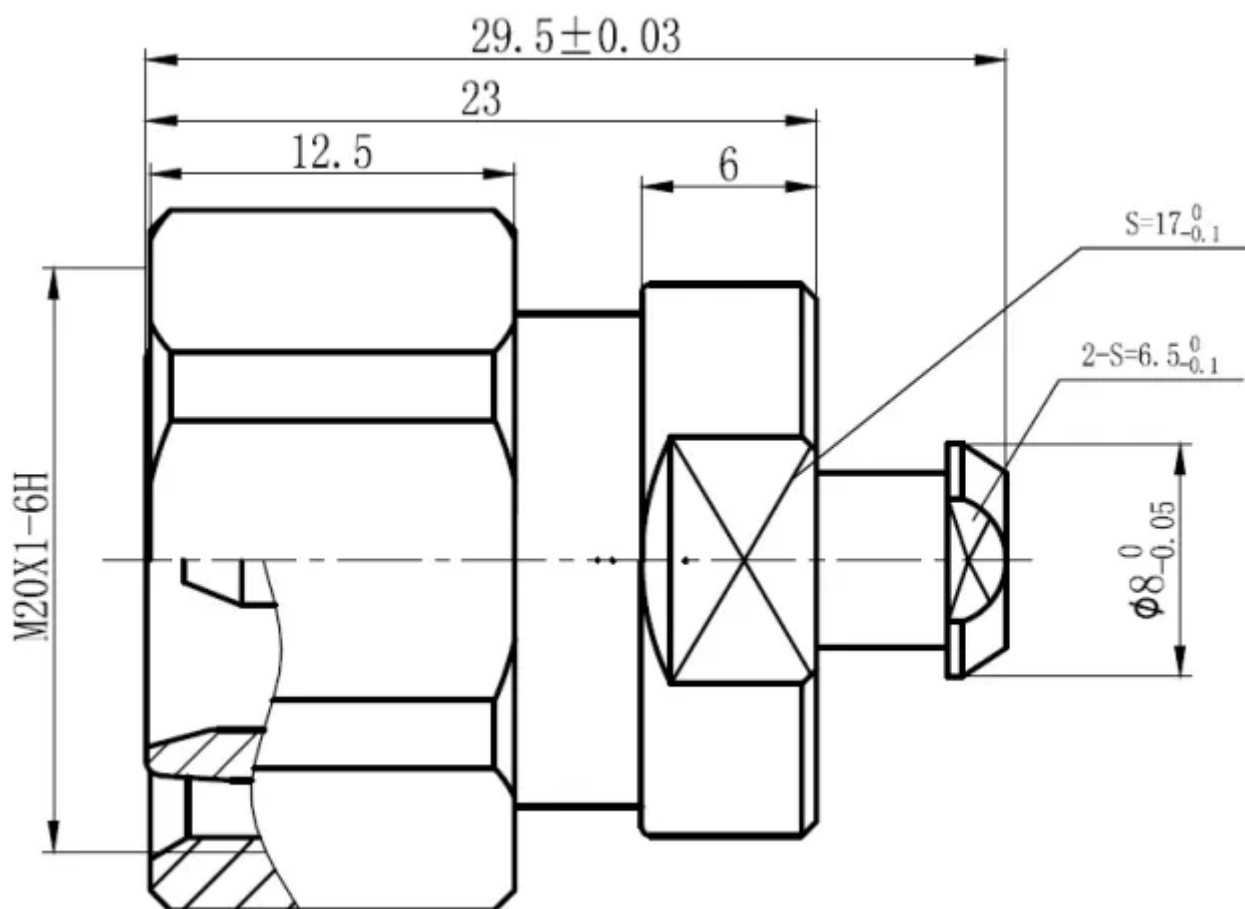
Max. Operating Temperature

85 °C

Mating Cycles

> 500

Drawing



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