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 Four-Hole Flange Connector with Round Post

SKU
ACC-PT-00418
MPN
431-4F-RP001

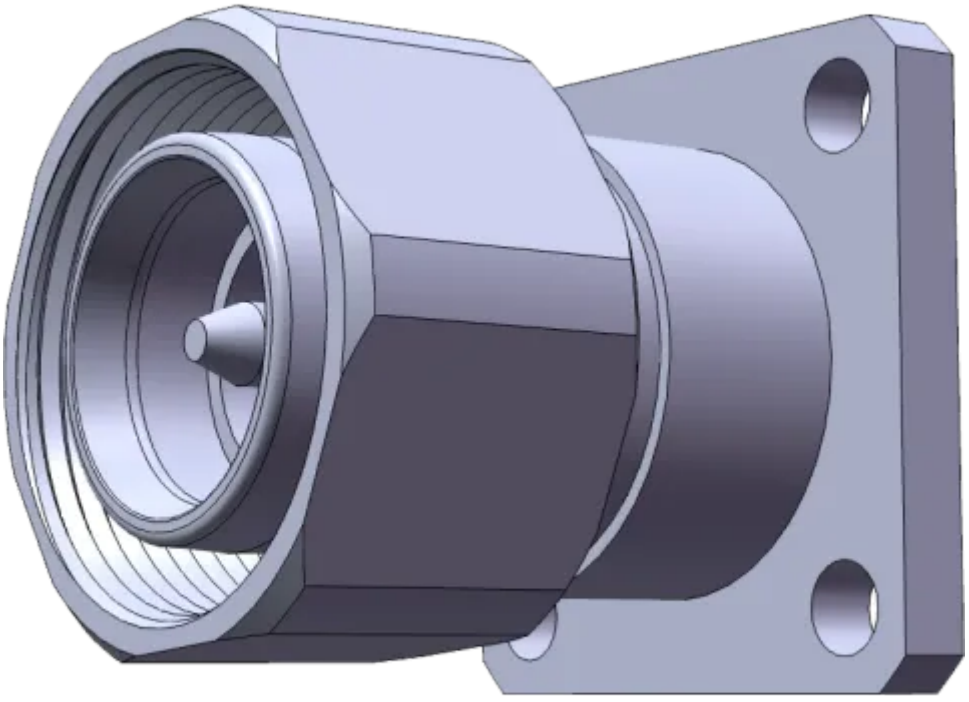
Description

The 4.3-10 Male Four-Hole Flange Connector with Round Post (SKU: ACC-PT-00418) by Powertec, part number 431-4F-RP001, is a high-quality RF connector designed for reliable performance in various applications. This coaxial connector features a straight body with a four-hole flange front mount, ideal for secure attachment to cables using a round post mechanism.

Constructed with a robust brass body and inner contacts, both plated in silver, it ensures excellent conductivity and durability. The PTFE/Teflon insulator offers superior electrical insulation, supporting an input impedance of 50 Ω and insulation resistance of ≥ 5000 mΩ. It operates efficiently across a frequency range of 0 to 3.0 GHz, handling RF operating voltage up to 500 Vrms.

This connector is designed to endure multiple mating cycles and performs optimally within a specified temperature range. It exhibits a low VSWR of ≤ 1.20:1, ensuring minimal signal reflection. The product...

Read More



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	4-Hole Flange

RF Specification

Start Frequency
0 GHz
Stop Frequency
3 GHz
Input Impedance
50 Ω
Insulation Resistance
≥ 5000 mΩ
RF Operating Voltage
≤ 500 Vrms
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.2:1

Physical Specification

Body Material
Brass
Body Plating
Silver
Insulator Material
PTFE / Teflon
Dimensions
34.8 x 25.4 x 19
Compliance/Certifications
RoHS
Conductor Attachment
Round Post
Contact Material
Brass
Contact Plating
Silver

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.

