

4.3-10 Male Four-Hole Flange Connector with Round Post

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

Description

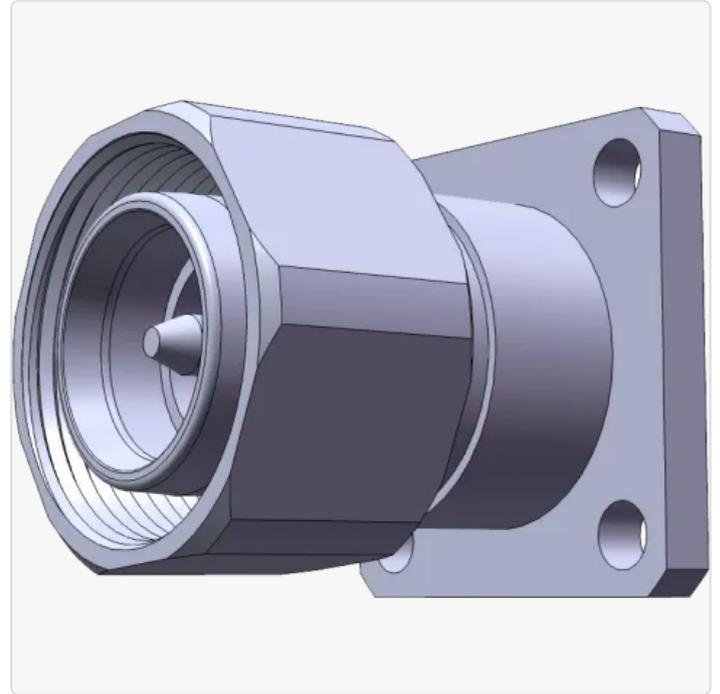
The 4.3-10 Male Four-Hole Flange Connector with Round Post (SKU: ACC-PT-00418) by Powertec, part number 431-4F-RP001, is a high-quality RF connector designed for reliable performance in various applications. This coaxial connector features a straight body with a four-hole flange front mount, ideal for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

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[RF Connector Interface](#)



RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	4-Hole Flange

RF Specification



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 ...

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	3 GHz	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 500 \text{ Vrms}$

VSWR Measurement

Frequency	VSWR
3000 MHz	$\leq 1.2:1$

Physical Specification

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

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