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RP-SMA Female Connector for L-240 Coaxial Cable

SKU
ACC-PT-00531
MPN
RSA2-C-L24

Description

The RP-SMA Female Connector for L-240 Coaxial Cable is a specialised component designed for robust RF applications. Developed by Powertec, this connector is integral to establishing reliable wireless network connections. Its primary function is to provide a secure and efficient interface between L-240 coaxial cables and RF devices, often used in telecommunications, signal processing, and wireless communication systems. The connector's straight body and free-hanging mounting style facilitate ease of installation and integration into existing systems.

Constructed from high-quality brass with a nickel plating, and featuring gold-plated inner contacts, this connector ensures excellent conductivity and corrosion resistance. The use of PTFE/Teflon as an electrical insulator enhances its performance, allowing it to operate effectively within a temperature range of -55 °C to 155 °C. This makes it suitable for both indoor and outdoor applications...

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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
RP-SMA Female	Straight	Free Hanging

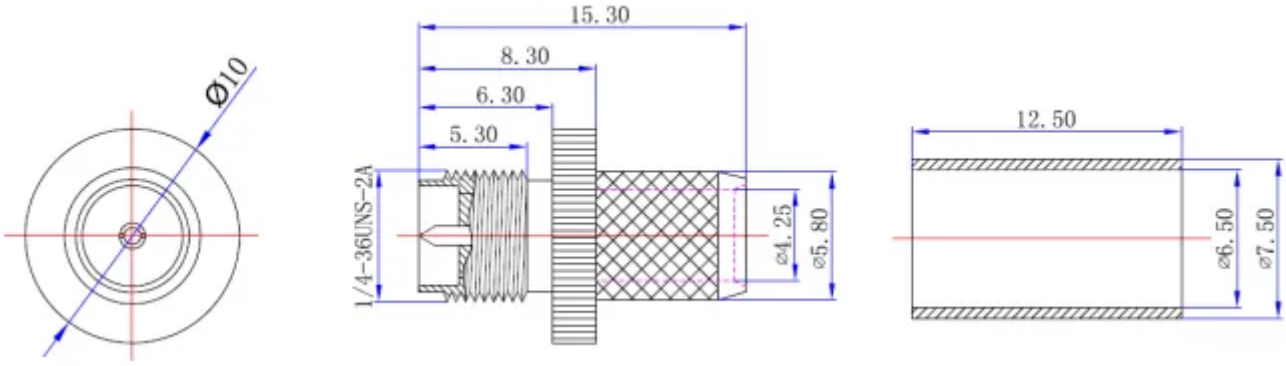
RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
Insulation Resistance
≥ 5000 mΩ
RF Operating Voltage
≤ 260 Vrms
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.3:1

Physical Specification

Cable Group
L-240
Body Material
Brass
Body Plating
Gold
Insulator Material
PTFE / Teflon
Dimensions
15.30 × 10
Compliance/Certifications
RoHS
Conductor Attachment
Cable, Crimp
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-55 °C
Max. Operating Temperature
155 °C
Drawing



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