

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	Input Impedance:	50
Stop Frequency:	6 GHz	Insulation Resistance:	≥ 5000 mΩ
		RF Operating Voltage:	≤ 260 Vrms

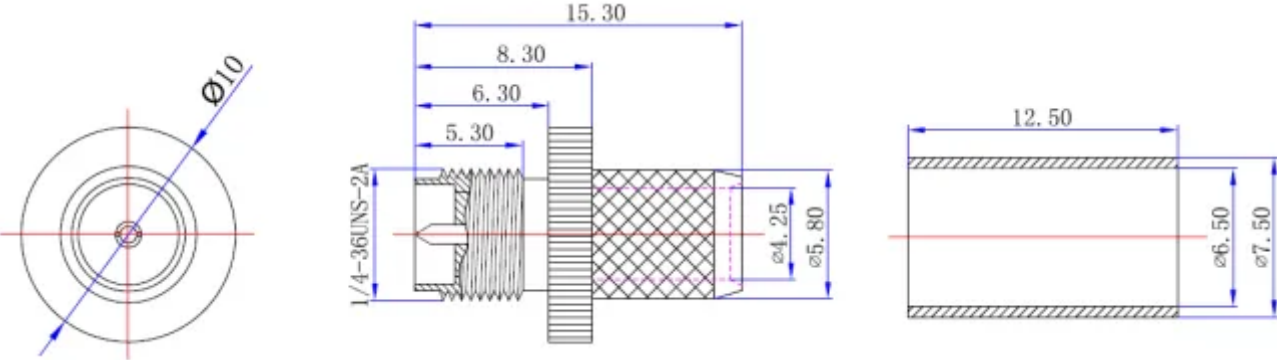
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.3:1

Physical Specification

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

Drawing



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