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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

$\geq 5000 \text{ m}\Omega$

RF Operating Voltage

$\leq 260 \text{ Vrms}$

VSWR Measurement

Frequency VSWR

6000 MHz $\leq 1.3:1$

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](#)

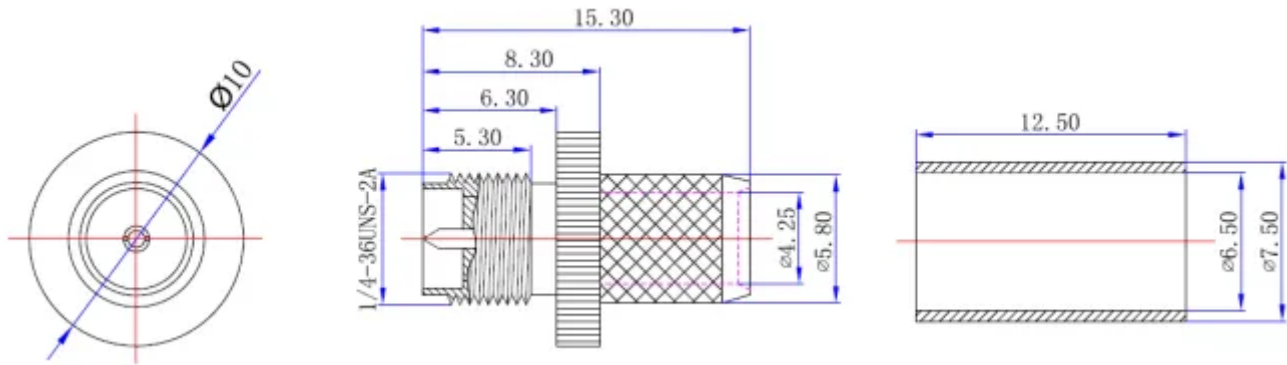
Min. Operating Temperature

-55 °C

Max. Operating Temperature

155 °C

Drawing



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