Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

SMA Male Connector for L-240 Cable, Right Angle

SKU: ACC-PT-00395
MPN: SA1-C-L24.RA
Barcode: 9337692004933

Description

SMA connectors have become the mainstay of low frequency wireless technologies.

This Right Angle SMA Male connector is designed for a standard crimp and solder attachment to LMR-240 series coaxial cables. This model has been designed for extended operation to 6 GHz.

Installation is very simple. After preparing the cable, the pin is soldered onto the centre conductor and outer body pushed over the top until the pin sits flush. A standard 6.48 mm (.255") hex die is used to crimp the ferrule.

Right angle connectors are popular for applications where installation space is in short supply. This connector type is commonly used inside communications boxes and cabinets, and for passive components mounted on backing boards.

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
SMA Male	Right Angle	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
		Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 1 mΩ
		RF Operating Voltage:	≤ 260 Vrms

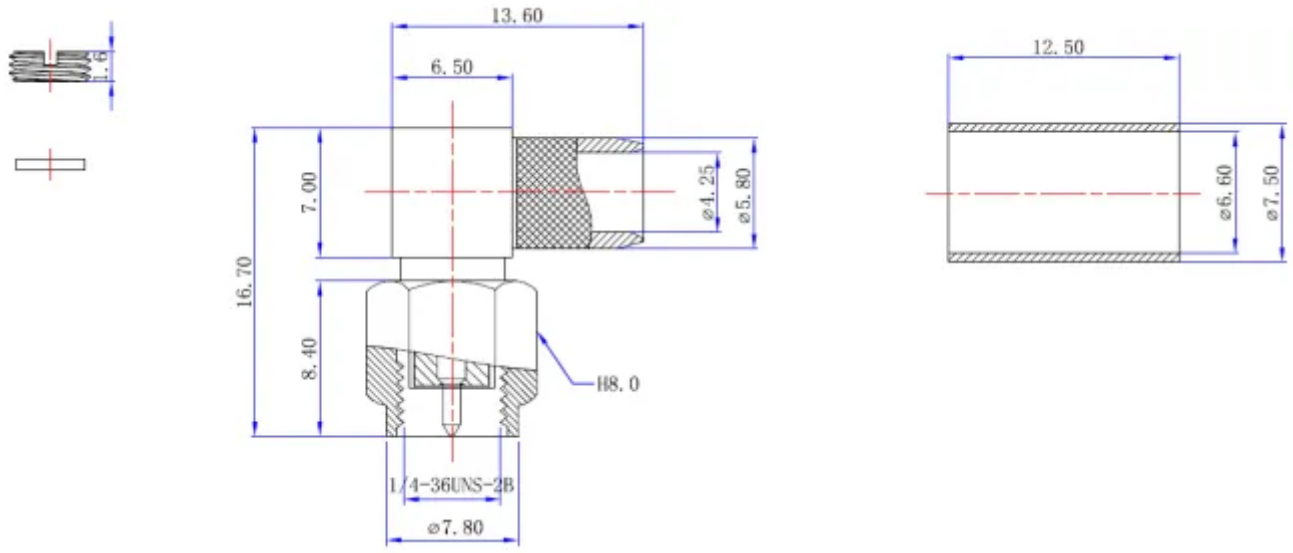
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

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:	16.7 × 13.6 × 8	Max. Operating Temperature:	155 °C
Weight:	7.4 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management , RoHS		

Drawing



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