

SMA Female Connector for L-240 Coaxial Cable, Bulkhead Rear Mount

SKU: ACC-PT-00188
 MPN: SA2-C-L24-BRM
 Barcode: 9337692003516

Description

SMA connectors are a mainstay of low frequency wireless technologies.

This bulkhead mounted SMA Female connector is designed for an ordinary crimp and solder attachment to LMR-240 and equivalent series coaxial cables.

Installation is 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 6.5 mm (0.255") hex die is used to crimp the ferrule.

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The bulkhead interface allows the SMA connector to be panel mounted by drilling a 7 mm diameter hole and sliding the body from the rear through the hole. The supplied nut and washer secures the SMA connector to the mounting surface.

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RF Connector Interface



RF Interface

SMA Female

Body Shape

Straight

Mounting

Bulkhead

RF Specification

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 ...

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 3 \text{ m}\Omega$
		Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 480 \text{ Vrms}$

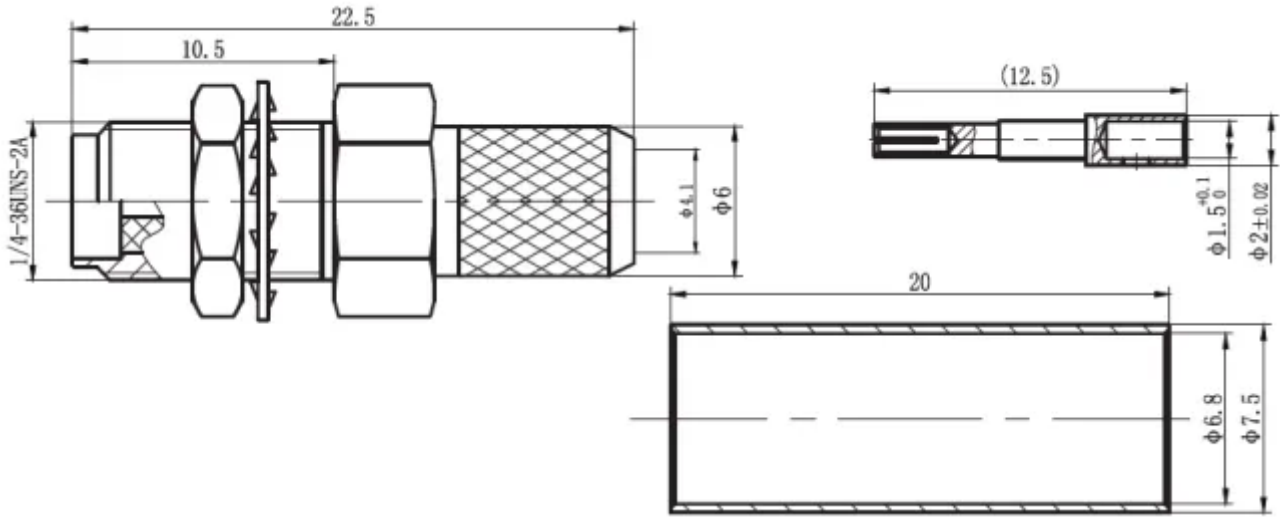
VSWR Measurement

Frequency	VSWR
3000 MHz	$\leq 1.2:1$
6000 MHz	$\leq 1.3:1$

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:	$-40 \text{ }^\circ\text{C}$
Dimensions:	$22.5 \times 9 \times 9$	Max. Operating Temperature:	$85 \text{ }^\circ\text{C}$
Weight:	5.7 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	,		

Drawing



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