

# 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

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RF Interface	Body Shape	Mounting
SMA Female	Straight	Bulkhead

## RF Specification

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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:	$\leq 480 \text{ Vrms}$

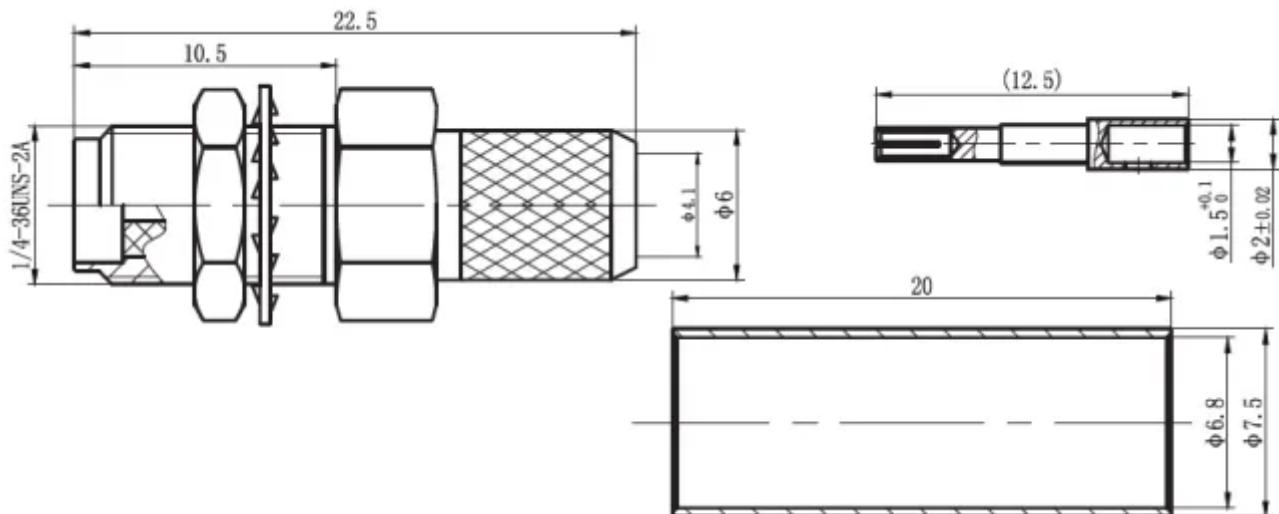
## VSWR Measurement

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 °C
Dimensions:	22.5 x 9 x 9	Max. Operating Temperature:	85 °C
Weight:	5.7 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

## Drawing



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