SMA Panel Mount Bulkhead Jacks

Compact Front Mount Jacks Designed for Micro-Coax Cable Types

Overview

Amphenol RF offers a number of 50 ohm front mount bulkhead SMA jacks designed to accommodate ultraminiature micro-coax cable types. These SMA jacks are available in the straight crimp configuration and feature a threaded coupling mechanism for secure mating.

The front mount bulkhead SMA jack can be fastened inside of a panel or enclosure to provide additional security for sensitive systems. This is aided by a tamper resistant design and the flexibility of the micro-coax cables.

These connectors are part of a robust portfolio of ultraminiature SMA products suitable for applications such as drones, test and measurement equipment, industrial automation and inspection, and Bluetooth and cellular technology.

Features and Benefits

- Reliable electrical performance up to 6 GHz
- Threaded coupling mechanism for secure mating
- Vibration and tamper resistant design
- Ideal for applications with space constraints

Applications

- Antennas
- Base Stations
- Drones
- Test and Measurement Equipment
- Industrial Automation and Inspection
- Bluetooth and Cellular technology
- WLAN

Ordering Information

SMA Front Mount Bulkhead Jacks for Micro-Coax Cable

Part Number	Description
901-10753	SMA Straight Front Mount Jack Bulkhead, 0.81 mm
901-10754	SMA Straight Front Mount Jack Bulkhead, 1.13 mm
901-10755	SMA Straight Front Mount Jack Bulkhead, 1.32 mm
901-10756	SMA Straight Front Mount Jack Bulkhead, 1.37 mm

Amphenol RF
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Danbury, CT 06810

For more information visit www.amphenolrf.com
or call 800.627.7100

Amphenol® RF

Technical Specifications

Electrical		
Impedance		50Ω
Frequency Range		DC - 6 GHz
Voltage Rating		166 RMS Max Continuous
Dielectric Withstanding Voltage		500 VRMS Min
VSWR (Return Loss)	DC – 3 GHz	1.3 Max
	3 – 6 GHz	1.4 Max
Insulation Resistance		5000 MΩ Min
Center Contact Resistance		3.0 mΩ Min
Outer Contact Resistance		2.0 mΩ Min
Environmental		
Temperature Range		−65°C to +165°C
RoHS Compliance		Compliant with Exemption 6C
Mechanical		
Mating Cycles		500 Min
Coupling Mechanism		Threaded
Materials		
Body		Brass, Gold Plating
Contact		Beryllium Copper, Gold Plating
Insulator		PTFE, Natural

Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.

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