

Cable Assembly Coaxial SMA to  
MMCX RG-178B 36.00" (914.40mm)

RoHS  
Compliant

Stock No.: 9202517R0742

FEATURES

- 50Ω impedance
- SMA Jack to MMCX Plug
- RG-178B



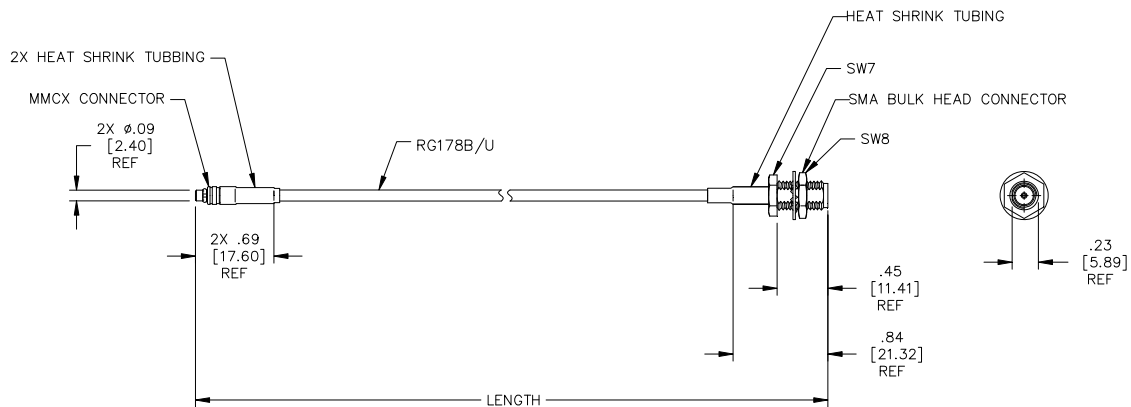
Product Description

Terminated with SMA female bulkhead straight connector to MMCX male straight connector for a durable, impedance match coaxial cable assembly. Gold plated contacts are utilized to minimize insertion loss.

General Specifications

Attribute	Value
Terminated/Unterminated	Terminated
Coaxial Type	RG-178B
Connector 1	SMA Jack
Connector 2	MMCX Plug
Connector 1 Gender	Male
Connector 2 Gender	Female
Characteristic Impedance	50 Ω
Length	36.00" (914.40mm)
Voltage Rating	500 V

## Product Drawing



## Features

- DC - 2GHz bandwidth.
- Connectors are precision machined and gold-plated for low loss.
- Perfect for applications where space, weight, performance and ease of connection are required.

## Specifications

<b>Cable Type</b>	RG178B/U
<b>Impedance</b>	50Ω
<b>Frequency Range</b>	DC - 2GHz
<b>Insulation Resistance</b>	≥ 500 MΩ
<b>Insulator Withstand</b>	500V
<b>Temperature Range</b>	-55° C to +155°C (-67°F to +311°F)
<b>Jacket</b>	FEP
<b>Cable O.D.</b>	0.071" (1.8mm)
<b>Center Conductor (mm)</b>	7 x .1 silver coated copper covered steel

## Materials

### MMCX Male Connector:

Center Contact: Phosphor Bronze, Gold Plated  
Connector Body: Brass, Gold Plated  
Crimp Ferrule: Copper, Nickel Plated  
Insulators: PTFE

### SMA Female Connector:

Center Contact: Beryllium Copper, Gold Plated  
Connector Body: Brass, Gold Plated  
Crimp Ferrule: Copper, Nickel Plated  
Insulators: PTFE

Dimensions: Millimeters (Inches)

## Part Number Table

Part Number	Description
9202516R0741	Cable Assembly Coaxial SMA to MMCX RG-178B 12.00" (304.80mm)
9202582R0807	Cable Assembly Coaxial SMA to MMCX RG-178B 24.00" (609.60mm)
9202517R0742	Cable Assembly Coaxial SMA to MMCX RG-178B 36.00" (914.40mm)
9202464R0689	Cable Assembly Coaxial SMA to MMCX RG-178B 48.0" (1.2m) 4.0'

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