

Cable Assembly Coaxial SMA to  
MMCX RG-316 36.00" (914.40mm)

RoHS  
Compliant

Stock No.: 9202557R0782

FEATURES

- 50Ω impedance
- SMA Jack to MMCX Plug (R.A.)
- RG-316



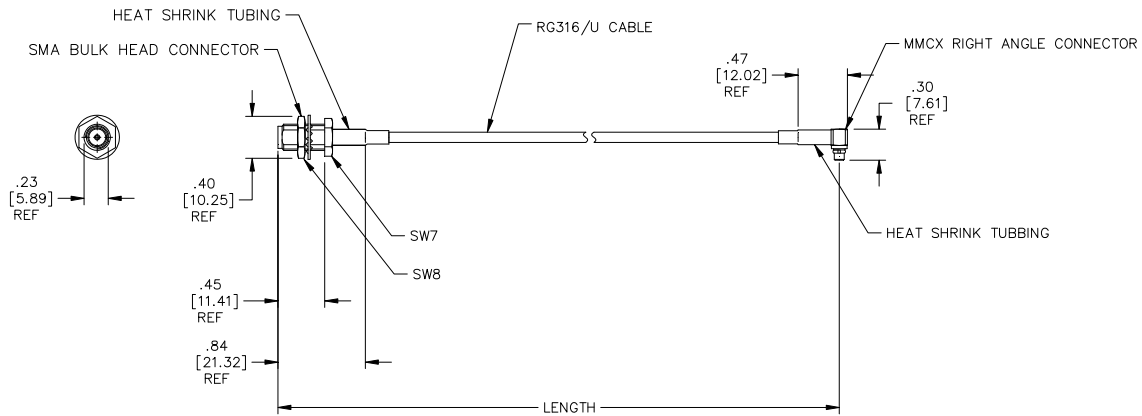
Product Description

Terminated with SMA female bulkhead straight connector to MMCX male right angle 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-316
Connector 1	SMA Jack, Bulkhead, Panel Mount
Connector 2	MMCX Plug, Right Angle
Connector 1 Gender	Female
Connector 2 Gender	Male
Characteristic Impedance	50 Ω
Length	36.00" (914.40mm)
Voltage Rating	500 V

## Product Drawing



### Features:

- DC - 3GHz bandwidth.
- Connectors are precision machined and gold-plated for low loss.
- Perfect for applications where space, weight, performance and ease of connection are required.

### 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

### Specifications:

<b>Cable Type</b>	RG316/U
<b>Impedance</b>	50Ω
<b>Frequency Range</b>	DC - 3GHz
<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>	0.098" (2.5mm)
<b>Center Conductor (mm)</b>	7 x .18 silver coated copper covered steel

Dimensions: Millimeters (Inches)

### Part Number Table

Part Number	Description
9202490R0715	Cable Assembly Coaxial SMA to MMCX RG-316 12.00" (304.80mm)
9202556R0781	Cable Assembly Coaxial SMA to MMCX RG-316 24.00" (609.60mm)
9202557R0782	Cable Assembly Coaxial SMA to MMCX RG-316 36.00" (914.40mm)
9202488R0713	Cable Assembly Coaxial SMA to MMCX RG-316 48.0" (1.2m) 4.0'

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