

Cable Assembly Coaxial SMA to SMA  
RG-142B 12.00" (304.80mm)

RoHS  
Compliant

Stock No.: 9202506R0731

FEATURES

- 50Ω impedance
- SMA Plug to SMA Plug
- RG-142B



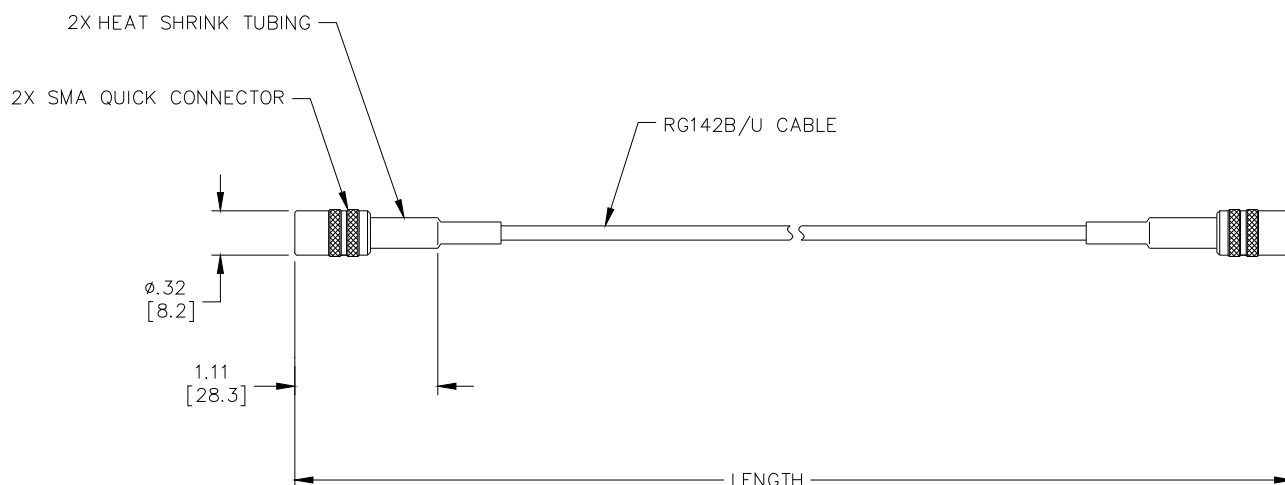
Product Description

Terminated with SMA male straight connector to SMA 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-142B
Connector 1	SMA Quick-Connect Plug
Connector 2	SMA Quick-Connect Plug
Connector 1 Gender	Male
Connector 2 Gender	Male
Characteristic Impedance	50 Ω
Length	12.00" (304.80mm)
Voltage Rating	750 V

## Product Drawing



### Features:

- DC - 4GHz bandwidth.
- Precision machined connectors.
- Perfect for applications where space, weight, performance and ease of connections are required.

### Materials:

#### SMA Male Connectors:

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

### Specifications

<b>Cable Type</b>	RG142B/U
<b>Impedance</b>	50Ω
<b>Frequency Range</b>	DC - 4GHz
<b>Insulation Resistance</b>	≥ 1000 MΩ
<b>Insulator Withstand</b>	750V
<b>Temperature Range</b>	-65° C to +165°C (-85°F to +329°F)
<b>Jacket</b>	FEP
<b>Cable O.D.</b>	0.195" (4.95mm)
<b>Center Conductor (mm)</b>	.95 solid silver coated copper covered steel

Dimensions: Millimeters (Inches)

### Part Number Table

Part Number	Description
9202506R0731	Cable Assembly Coaxial SMA to SMA RG-142B 12.00" (304.80mm)
9202585R0810	Cable Assembly Coaxial SMA to SMA RG-142B 24.00" (609.60mm)
9202586R0811	Cable Assembly Coaxial SMA to SMA RG-142B 36.00" (914.40mm)
9202587R0812	Cable Assembly Coaxial SMA to SMA RG-142B 48.0" (1.2m) 4.0'
9202588R0813	Cable Assembly Coaxial SMA to SMA RG-142B 60.0" (1.5m) 5.0'

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