

Cable Assembly Coaxial SMA to SMA  
RG-142B 60.0" (1.5m) 5.0'

RoHS  
Compliant

Stock No.: 9202588R0813

FEATURES

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



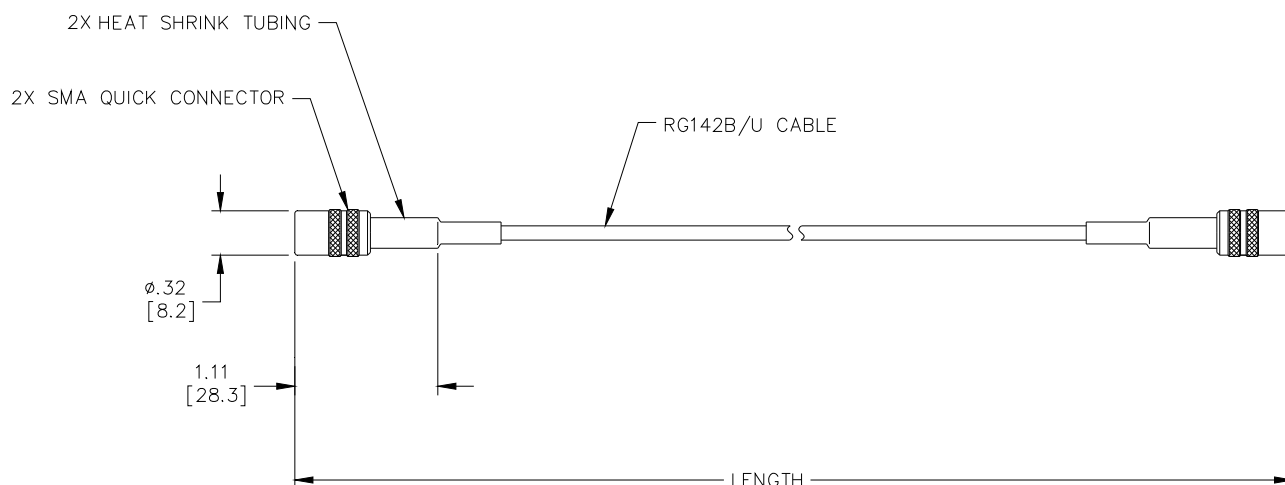
Product Description

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                   | 60.0" (1.5m) 5.0'      |
| 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<br>(-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<br>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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