

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

RoHS  
Compliant

Stock No.: 9202535R0760

FEATURES

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



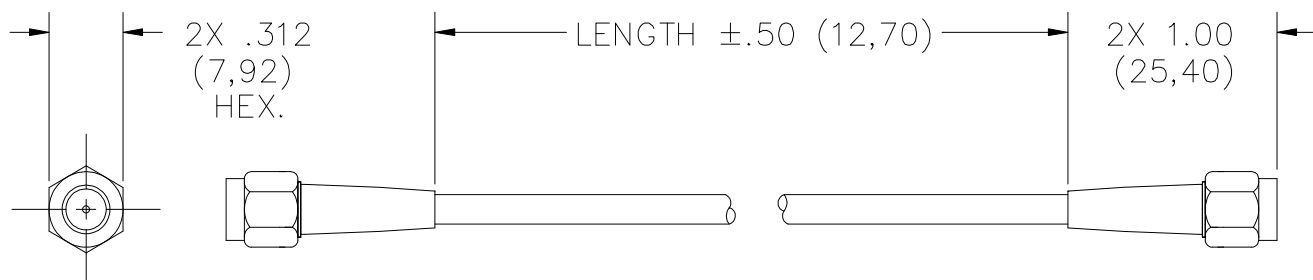
Product Description

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 Plug          |
| Connector 2              | SMA Plug          |
| Connector 1 Gender       | Male              |
| Connector 2 Gender       | Male              |
| Characteristic Impedance | 50 Ω              |
| Length                   | 12.00" (304.80mm) |
| Voltage Rating           | 500 V             |

## Product Drawing



### FEATURES:

- RG142B/U cable is premium cable, double shielded, high temperature and 12.4 GHz

### MATERIAL:

#### SMA (Male) Connectors:

Body/Fittings: Stainless Steel, Finish – Passivated Steel

Contacts: Brass, Gold Plated

Impedance: 50 Ohms

|                     |                                                 |
|---------------------|-------------------------------------------------|
| Cable               | RG142B/U                                        |
| Impedance (Nom.):   | 50 Ohms                                         |
| Cap. PF/ft.         | 29.0                                            |
| Loss (Max.):        | .67 dB/ft. @ 12.4 GHz                           |
| Temperature (Max.): | +200°C (+392°F)                                 |
| Jacket:             | FEP, Color: Tinted Brown                        |
| Center Conductor:   | 18 AWG solid silver coated copper covered steel |

Dimensions: Millimeters (Inches)

### Part Number Table

| Part Number  | Description                                                 |
|--------------|-------------------------------------------------------------|
| 9202535R0760 | Cable Assembly Coaxial SMA to SMA RG-142B 12.00" (304.80mm) |
| 9202536R0761 | Cable Assembly Coaxial SMA to SMA RG-142B 24.00" (609.60mm) |
| 9202480R0705 | Cable Assembly Coaxial SMA to SMA RG-142B 48.0" (1.2m) 4.0' |
| 9202537R0762 | Cable Assembly Coaxial SMA to SMA RG-142B 60.0" (1.5m) 5.0' |

Important Notice: This data sheet and its contents (the "Information") belong to the members of the EASE group of companies (the "Group") or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate, but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. EASE is the registered trademark of Ease Electronics Co., Limited 2019.