

Cable Assembly Coaxial SMA to SMA
RG-142B 48.0" (1.2m) 4.0'

RoHS
Compliant

Stock No.: 9202570R0795

FEATURES

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



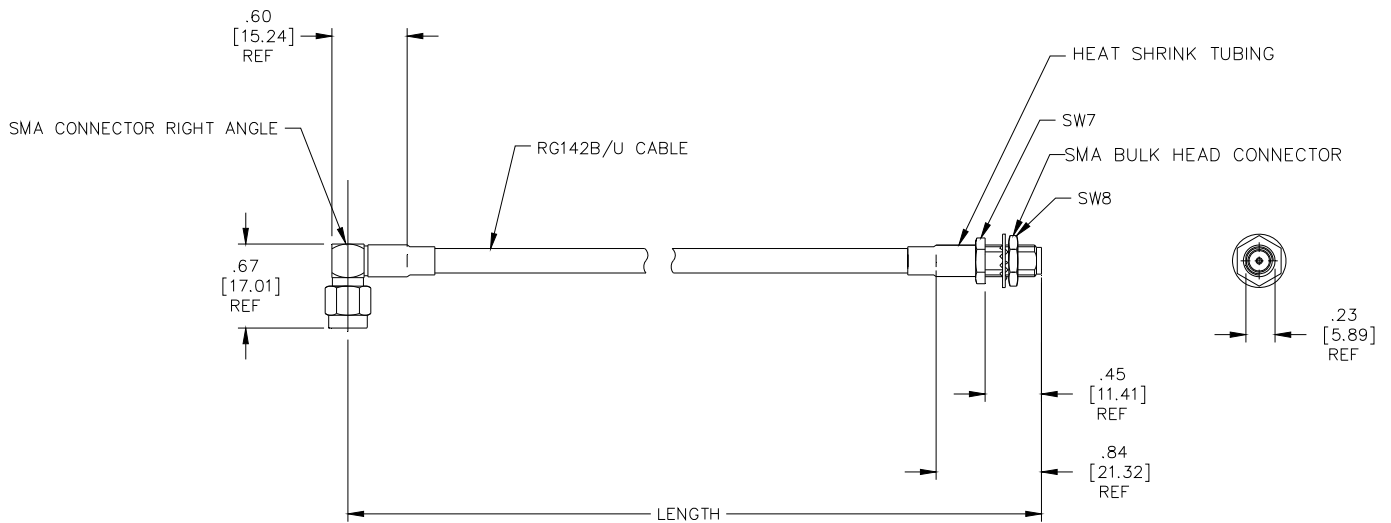
Product Description

Terminated with SMA right angle male connector to SMA bulkhead female 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 Right Angle Plug
Connector 2	SMA Bulkhead Jack
Connector 1 Gender	Male
Connector 2 Gender	Female
Characteristic Impedance	50 Ω
Length	48.0" (1.2m) 4.0'
Voltage Rating	750 V

Product Drawing



Features:

- DC - 4GHz 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:

SMA Male Connectors:

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

SMA Bulkhead Female Connectors:

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

Specifications

Cable Type	RG142B/U
Impedance	50Ω
Frequency Range	DC - 4GHz
Capacitance per 1ft (0.305m)	29.0 pF
Insulation Resistance	≥ 1000 MΩ
Insulator Withstand	750V
Temperature Range	-65° C to +165°C (-85°F to +329°F)
Jacket	FEP
Cable O.D. (inches)	0.195" (4.95mm)
Center Conductor (mm)	.95 solid silver coated copper covered steel

Dimensions: Millimeters (Inches)

Part Number Table

Part Number	Description
9202568R0793	Cable Assembly Coaxial SMA to SMA RG-142B 12.00" (304.80mm)
9202521R0746	Cable Assembly Coaxial SMA to SMA RG-142B 24.00" (609.60mm)
9202569R0794	Cable Assembly Coaxial SMA to SMA RG-142B 36.00" (914.40mm)
9202570R0795	Cable Assembly Coaxial SMA to SMA RG-142B 48.0" (1.2m) 4.0'
9202571R0796	Cable Assembly Coaxial SMA to SMA RG-142B 60.0" (1.5m) 5.0'

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