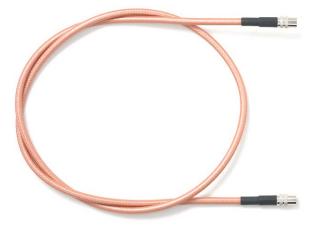


## Model 73083

SMA Quick-Connect Plug to SMA Quick-Connect Plug, RG142B/U, RG316/U





Model 73083-X SMA Quick-Connect Plug to SMA Quick-Connect Plug, RG142B/U

Model 73083-BB SMA Quick-Connect Plug to SMA Quick-Connect Plug, RG316/U

# Small size, and durability for confident connections

#### 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**

Cable Type	RG142B/U	RG316/U
Impedance	50Ω	50Ω
Frequency Range	DC - 4GHz	DC - 4GHz
Capacitance per 1ft (0.305m)	29.0 pF	29.0 pF
Insulation Resistance	≥ 1000 MΩ	≥ 1000 MΩ
Insulator Withstand	750V	750V
Temperature Range	-65° C to +165°C (-85°F to +329°F)	-65° C to +165°C (-85°F to +329°F)
Jacket	FEP	FEP
Cable O.D. (inches)	0.195" (4.95mm)	0.098" (2.5mm)
	.95 solid silver coated copper covered	
Center Conductor (mm)	steel	7 x .18 silver coated copper covered steel

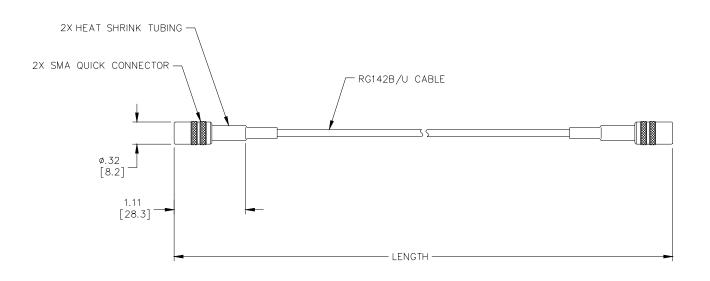
All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

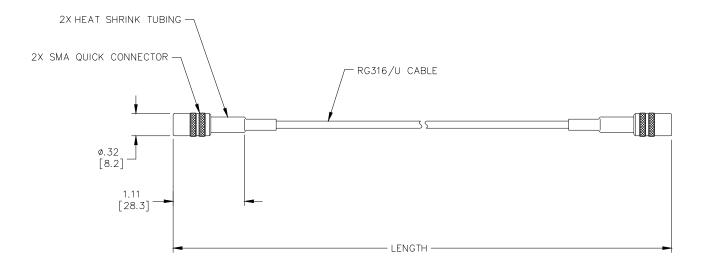




# **Model 73083**

SMA Quick-Connect Plug to SMA Quick-Connect Plug, RG142B/U, RG316/U





#### **Ordering Information**

#### Model: 73083

Cable Designators: X = RG142B/U, BB = RG316/U Standard Lengths: 12", 24", 36", 48", 60"

- 12" ± .157" (305mm ± 4mm)
- 24" ± .275" (610mm ± 7mm) \_
- 36" ± .394" (914mm ± 10mm) \_
- 48" ± .512" (1219mm ± 13mm)
- 60" ± .630" (1524mm ± 16mm)

Ordering Example: 73083-X-48, Cable is RG142B/U with length of 48" (1219mm)

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