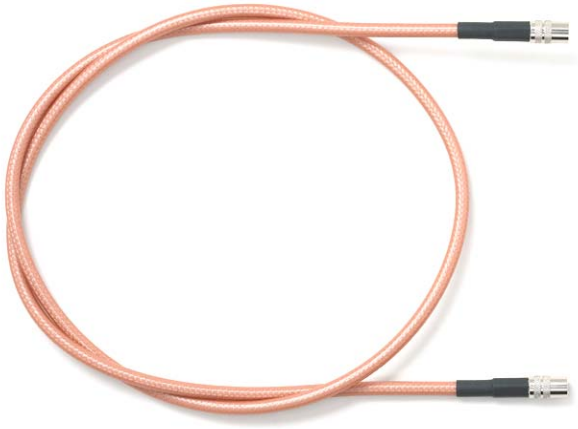
Pomona ELECTRONICS

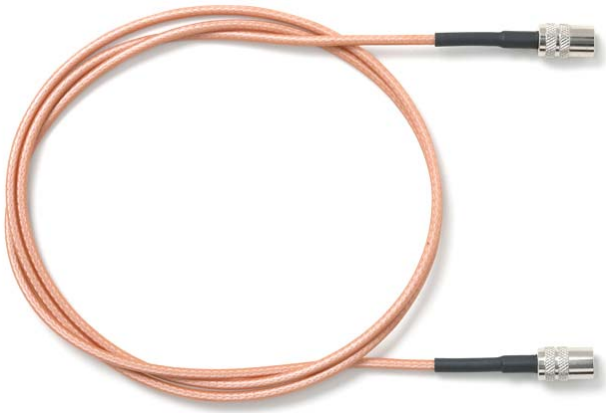
Technical Data Sheet

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	-65º C to +165ºC (-85ºF to +329ºF)	-65º C to +165ºC (-85ºF to +329ºF)
Jacket	FEP	FEP
Cable O.D. (inches)	0.195” (4.95mm)	0.098” (2.5mm)
Center Conductor (mm)	.95 solid silver coated copper covered steel	7 x .18 silver coated copper covered steel

USA: Sales: 800-490-2361
Technical Support: technicalsupport@pomonatest.com
Fax: 425-446-5844
Europe: 31-(0) 40 2675 150 **International:** 425-446-5500
Where to Buy: www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted): .xx = ±.02” (,51 mm), .xxx = ± .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.

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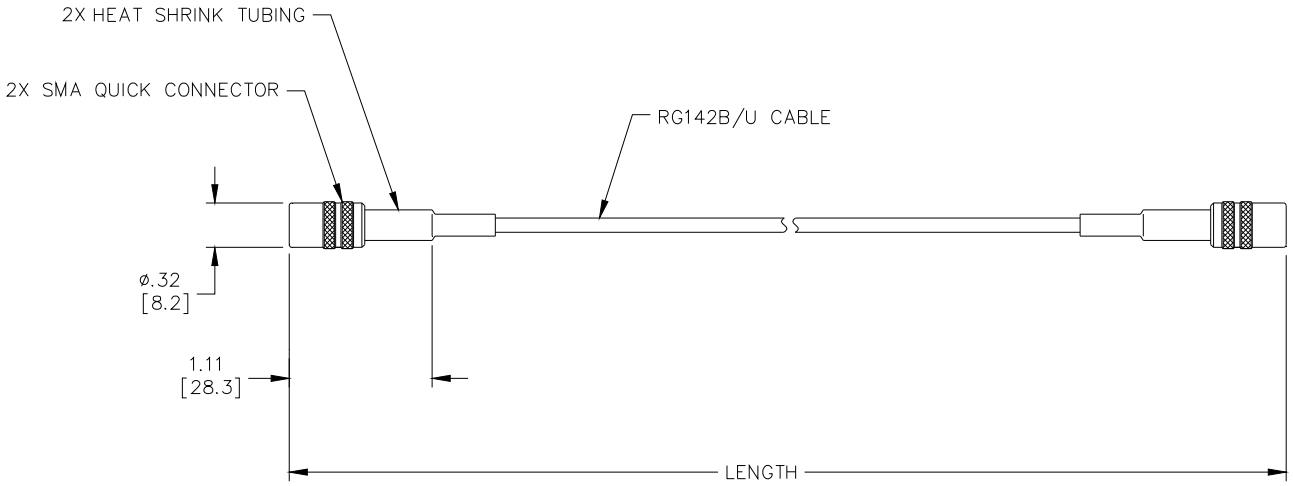
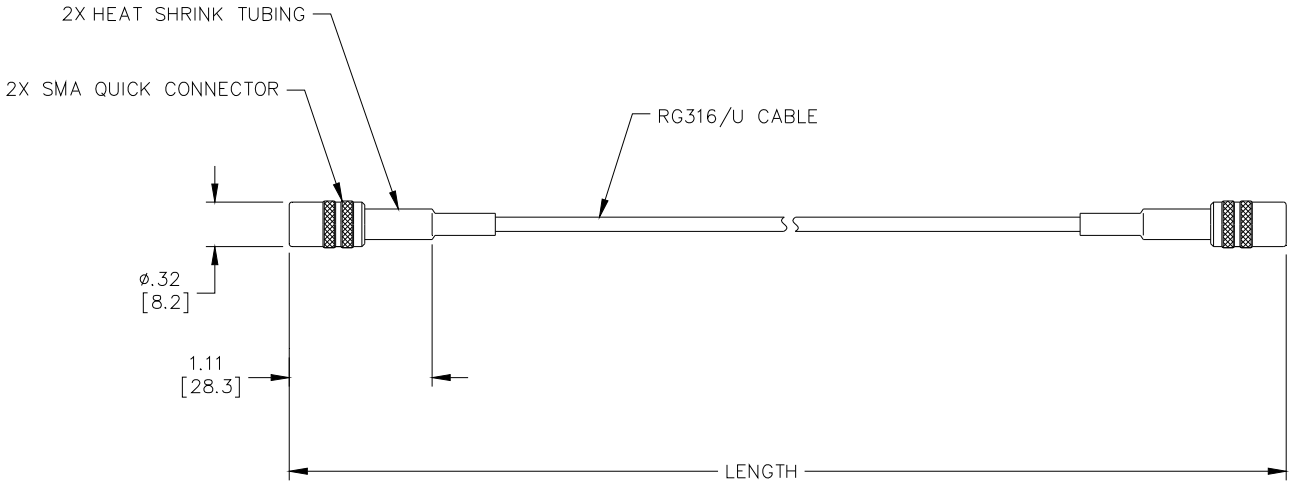
Model 73083

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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Pomona:

73083-BB-60 73083-BB-24 73083-BB-12 73083-X-60 73083-BB-36 73083-X-24 73083-BB-48 73083-X-48 73083-X-36 73083-X-12