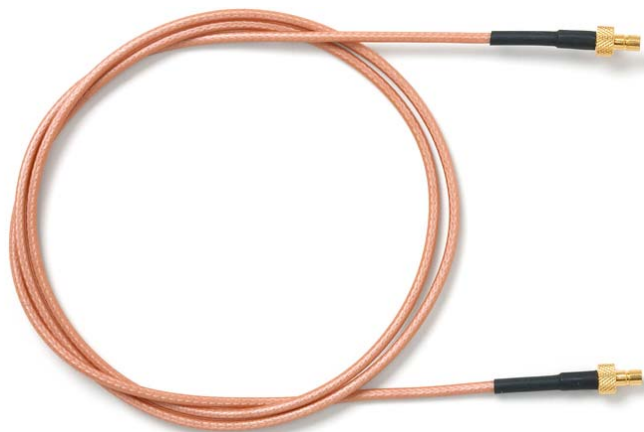


**Model 73072**

SMB Jack to SMB Jack, RG316/U (50 Ohm), RG179B/U (75 Ohm)



*Model 73072-BB*  
SMB Jack to SMB Jack, RG316/U, 50 Ohm



*Model 73072-VV*  
SMB Jack to SMB Jack, RG179B/U, 75 Ohm

## Snap-on coupling and small size for fast connect and disconnect

### Features

- Small size and durability for confident connections.
- Connectors are precision machined and gold-plated for low loss.
- Perfect for applications where space, weight, performance and ease of connections are required.

### Materials

SMB Male Connectors (50 Ohm):

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

SMB Male Connectors (75 Ohm):

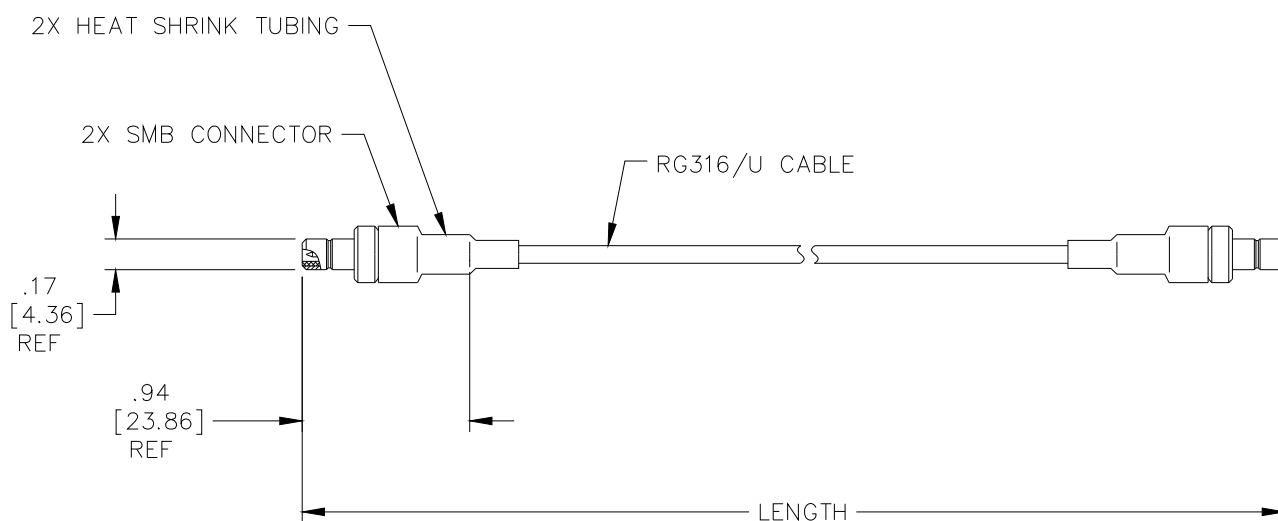
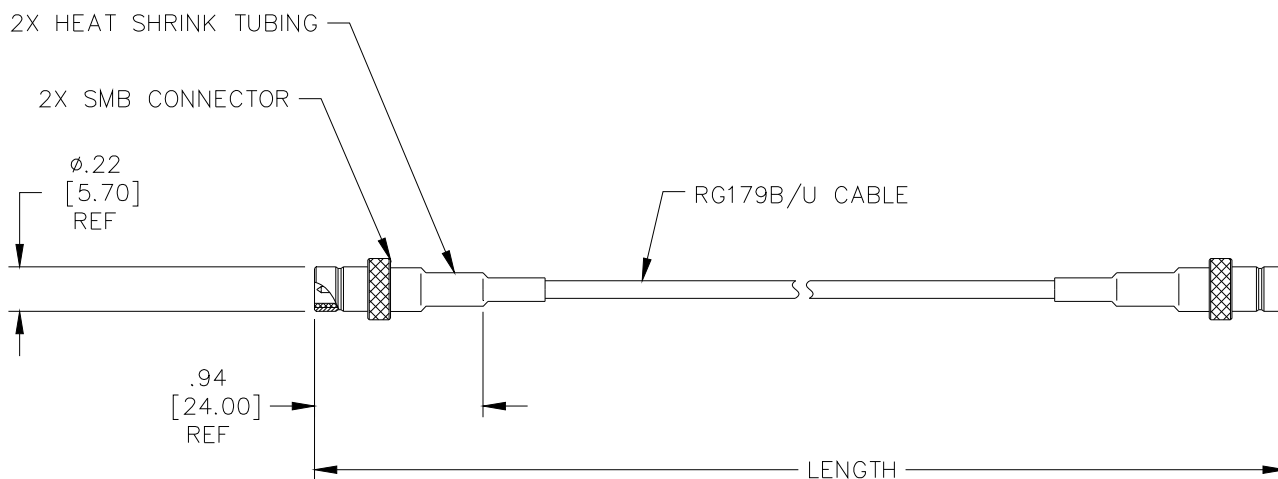
Center Contact: Brass, Gold Plated  
Connector Body: Brass, Gold Plated  
Crimp Ferrule: Copper, Nickel Plated  
Insulators: Silicone Rubber

### Specifications

| Cable Type                   | RG316/U                                    | RG179B/U                                  |
|------------------------------|--------------------------------------------|-------------------------------------------|
| Impedance                    | 50Ω                                        | 75Ω                                       |
| Frequency Range              | DC - 3GHz                                  | DC - 2GHz                                 |
| Capacitance per 1ft (0.305m) | 29.0 pF                                    | 19.5 pF                                   |
| Insulation Resistance        | ≥ 1000 MΩ                                  | ≥ 10,000 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)          | 0.098" (2.5mm))                            | 0.100" (2.54mm)                           |
| Center Conductor (mm)        | 7 x .18 silver coated copper covered steel | 7 x .1 silver coated copper covered steel |

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

**Model 73072****SMB Jack to SMB Jack, RG316/U (50 Ohm), RG179B/U (75 Ohm)****Ordering Information**Model: **73072**Cable Designators: **BB** = RG316/U, **VV** = RG179B/UStandard Lengths: **6", 12", 24", 36", 48", 60"**

- 6"  $\pm$  .118" (152mm  $\pm$  3mm) (73072-BB only)
- 12"  $\pm$  .157" (305mm  $\pm$  4mm)
- 24"  $\pm$  .275" (610mm  $\pm$  7mm)
- 36"  $\pm$  .394" (914mm  $\pm$  10mm)
- 48"  $\pm$  .512" (1219mm  $\pm$  13mm)
- 60"  $\pm$  .630" (1524mm  $\pm$  16mm) (73072-VV only)

Ordering Example: **73072-VV-48**, Cable is RG179B/U with length of 48" (1219mm)

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Fax: 425-446-5844  
**Europe:** 31-(0) 40 2675 150 **International:** 425-446-5500  
**Where to Buy:** [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

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