Model 73042
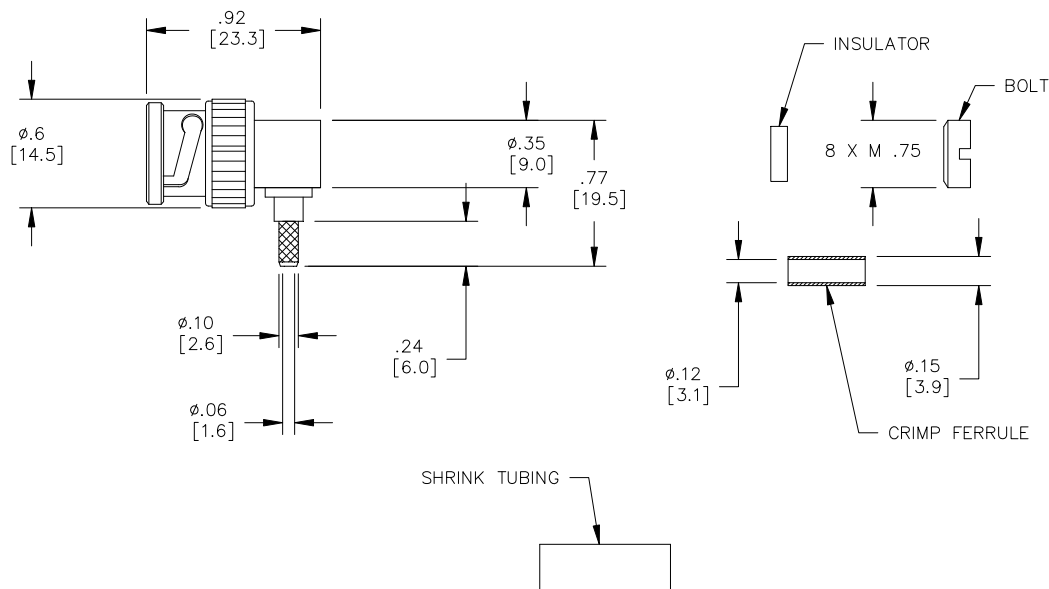## BNC Right-Angle Plug, 50 Ohm, Crimp Type, RG174, 188, 316

Model 73042
BNC Right-Angle Plug, 50 Ohm, Crimp Type, RG174, 188, 316

Materials

Center Conductor, Male: Brass, Gold Plated
Connector Body: Brass, Nickel Plated
Crimp Ferrule: Brass, Nickel Plated
Insulators: PTFE

Specifications

Impedance: 50Ω
Frequency Range: DC – 2GHz
Contact Resistance:
    Center Conductor: ≤2.0 mΩ
    Outer Conductor: ≤0.2 mΩ
Insulation Reistance: ≥ 1000 MΩ
Dielectric Withstand Voltage: 1000V
    For CE compliance, do not hold in hand when voltages exceed 33 Vrms / 70 Vdc.
Number of Insertions: 500 cycles minimum

Features

- DC – 2GHz bandwidth.
- Connectors are precision machined.
- Meets interface requirements MIL-C-39012.
- Connector accepts cable types RG/U: 174, 188, 316

Ordering Information

Model: **73042**

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.
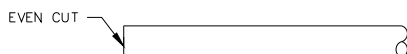
Model 73042
BNC Right-Angle Plug, 50 Ohm, Crimp Type, RG174, 188, 316

Cable Types and Crimp Die Information

Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
73042	RG174, 188, 316	.128 (3.3)

Cable Assembly Instructions

1. CUT CABLE END EVENLY AND PERPENDICULAR
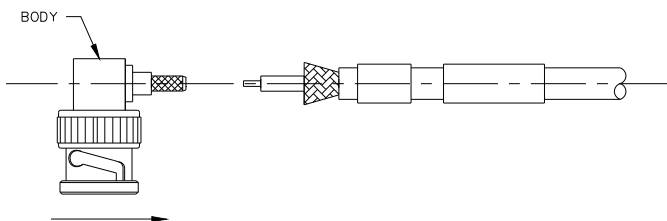
   EVEN CUT

2. SLIDE FERRULE AND SHRINK TUBING OVER CABLE END.

   FERRULE   SHRINK TUBING
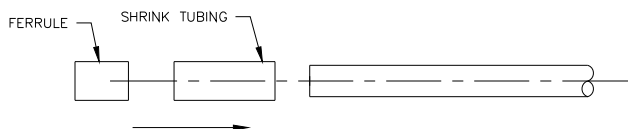
3. STRIP CABLE JACKET, BRAID AND DIELECTRIC TO SPECIFICATION LENGTHS.

   .65 [16.5]
   .41 [10.5]
   .12 [3.0]
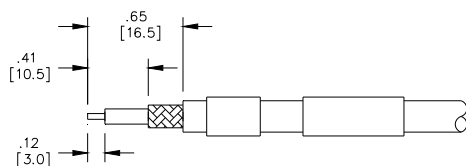
4. FLARE BRAD END SLIGHTLY.

   SLIGHT FLARE
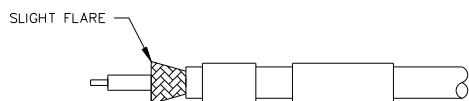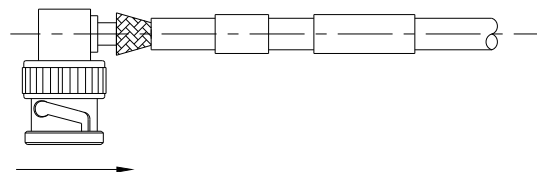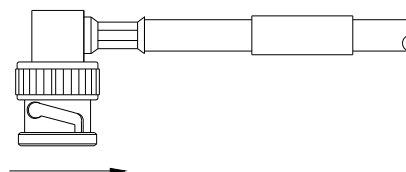
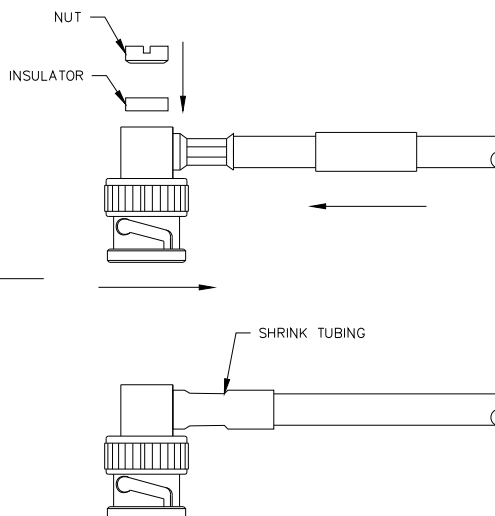5. SLIDE CONNECTOR BODY OVER CENTER CONDUCTOR.

   BODY

6. SLIDE OUTER FERRULE OVER BRAID AND UP AGAINST BODY ASSEMBLY.

7. CRIMP OPUTER FERRULE WITH APPRORIATE CRIMP TOOL.

8. SLIDE INSULATOR INTO CONNECTOR AND SCREW NUT. SLIDE SHRINK TUBING OVER CRIMP AND SHRINK.

   NUT
   INSULATOR
   SHRINK TUBING

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