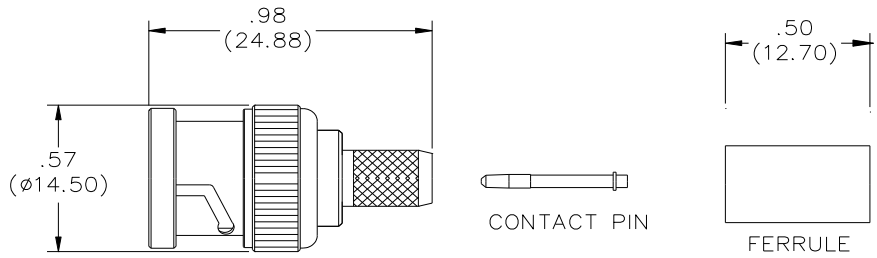
Pomona®

Model 6702A
HDTV, 75 Ohm BNC
Connector for RG-59/U



Features:

- ✓ Connectors are precision machined (not die-cast) from brass.
- ✓ Black nickel plating is applied for easily identification as a high definition connector.
- ✓ Insulator material is high density PTFE to maintain a perfect dielectric constant.
- ✓ Connectors utilize gold plated contact pin to maintain low return loss in high definition applications.
- ✓ Connector is precision matched to Belden ® 1505A cable, a precision RG-59/U video coax cable for analog and digital SDI/HDTV applications
- ✓ Connectors use standard commercial die set, size: 0.324"/0.255"/0.068" HEX and 0.052"/0.042" SQ (e.g. model 2649 from Paladin Tools)

Materials:

Connector Body	Black nickel plated brass
Crimp Ferrule	Nickel plated annealed copper
Outer Contact	Nickel plated brass
Male Contact Pin	Gold plated brass
Insulator	Polytetrafluorethylene (PTFE)

Ratings:

Impedance:	75 ohms
Frequency:	0 to 3 GHz.
VSWR:	1.3 max
Insertion Loss:	0.2 db (@ 3GHz.)
Leakage Loss:	-55 db (@ 3GHz.)
Contact Resistance:	3 Milliohms
Voltage	*500 V
Insulation Resistance:	5,000 Megohms
Insertions:	500
Cable Retention:	60 lbs.
Temperature:	-55 to +199° C

***Hands free testing* in controlled voltage environment; *For CE compliance*: not intended for hand held use at voltages above 33Vms/70 Vdc

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. Made in USA

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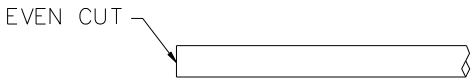
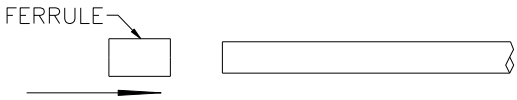
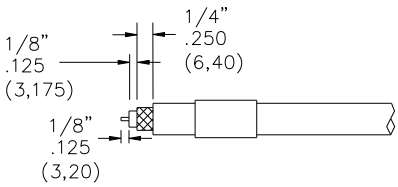


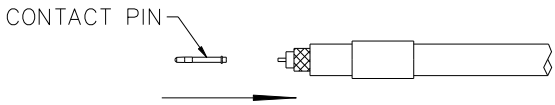
1. CUT CABLE END EVENLY AND PERPENDICULAR



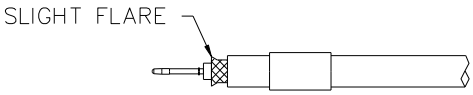
2. SLIDE OUTER FERRULE OVER CABLE END.



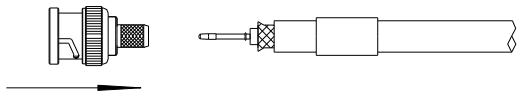
3. STRIP CABLE JACKET, BRAID, AND DIELECTRIC TO SPECIFICATION LENGTHS. (NOTE: FOIL AND BRAID CABLES SHOULD LEAVE FOIL TO END OF DIELECTRIC).



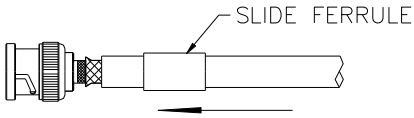
4. INSERT CONTACT PIN ONTO CABLE'S CENTER CONDUCTOR SO THAT IT IS FLUSH TO DIELECTRIC, CRIMP OR SOLDER CONTACT FIRMLY.



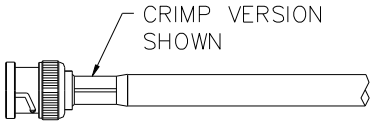
5. FLARE BRAID END SLIGHTLY.



6. INSERT PIN–END INTO CONNECTOR BODY AND PUSH UNTIL IT CLICKS INTO PLACE.



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



8. CRIMP OUTER FERRULE WITH APPROPRIATE CRIMP TOOL.

Use standard commercial die set, size: 0.324"/0.255"/0.068" HEX and 0.052"/0.042" SQ (e.g. model 2649 from Paladin Tools)

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