




BNC Connectors (50 ohm/75 ohm)

Product Facts

- Bayonet lock coupling for quick connect/disconnect
- Various connectors available in 50 and 75 ohm versions
- Fully intermateable with comparable BNC UG/U connectors
- Full range of Hex Crimp and O Crimp Products for common coaxial cables.
- Low VSWR
- Single crimp connectors offer one crimping operation for fast application
- Twist-on connectors require no special tooling for application to the cable
- Field serviceable (Category A) connectors qualified to MIL-C-39012
- Field replaceable (Category C) plugs with captivated center contact
- Field replaceable plugs can be terminated with industry standard tooling
- Tarnish resistant Nickel finish available
- Choice of different dielectrics
- Listed under the Component Program of Underwriters Laboratories Inc., File No. E81956 
- PC Board soldered connectors are recognized under the Component Program of Underwriters Laboratories Inc., File No. E81956 
- Certified by Canadian Standards Association File No. LR 7189 

Between Series Adapters

For BNC Between Series Adapters, see pages 251-260.



The Tyco Electronics BNC RF connector family with bayonet locking coupling provides highly reliable, quick connect/disconnect coaxial connections. Exclusive single and O crimp terminations allow positive insulation grip and require no soldering, providing terminations at a very low overall applied cost.

Available in both 50 and 75 ohm versions, these con-

nectors feature numerous styles including cable plugs and jacks, adapters and printed circuit board connectors. In addition to a variety of crimp type terminations, connectors are furnished in field replaceable and twist-on styles. These connectors accept a wide range of coaxial cables and are intermateable with industry standard connectors designed to MIL-C-39012 specifications.

Tyco Electronics can also supply low cost alternatives with an extensive commercial type product line. A lower cost consumer series product offers the capability to supply center contacts in strip form and allow for automated center contact crimp technology. All connectors are designed around the mil-specifications, but utilize low-cost materials, offering comparable mechanical and electrical performance.

Related Product Data

Product Specifications —

- 108-1275 — BNC Ohm Terminators
- 108-12020 — BNC O Crimp Connectors
- 108-12044 — BNC Commercial Hex Crimp
- 108-12047 — BNC Commercial and Hex Crimp Connectors
- 108-12074 — BNC Solder Jacks
- 108-12075 — BNC Connectors (Category A)
- 108-12078 — BNC Commercial PCB Panel-Mount Jacks

- 108-12002 — BNC Commercial T Adapter
- 108-12095 — BNC Commercial 75 Ohm Connectors
- 108-12096 — BNC Commercial Feed-Thru and Bulkhead Adapters
- 108-12079 — BNC Commercial 50 Ohm Solder Jacks
- 108-12103 — BNC Commercial PCB Press Fit Jacks

Application Specifications —

- 114-12001 — BNC Commercial PCB Jack Press Fit

Performance Specifications —

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Material Specifications — Page 46

Tooling — Pages 266-268

Military Category — All MIL type O crimp connectors are Category B Type (Tyco Electronics Crimp Tooling), unless otherwise noted.

Packaging — All MIL Type connectors are packaged individually, all O crimp connectors are bulk packaged and all Hex crimp connectors are individually packaged unless otherwise noted.