

Models 7048

TNC (M) 58,58A,58C,141,141A,55A,142,142A,223,499

Use for your 50 Ω TNC cable assembly applications.

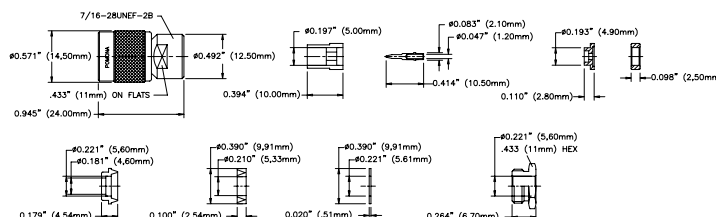
Features

- Designed for common cables (see table on page 2 for cable types and crimp die information)
- Precision machined
- Gold plated (15 micro-inches) contacts
- Insulation material is PTFE (**not delrin**)

Materials

- Body is machined brass with tarnish resistant nickel plating
- Male center pin contacts are gold-plated (15 micro-inches) brass
- Body is made from precision machined high quality brass (not die cast)
- High quality machined PTFE dielectric

Model: 7048 TNC (M)58, 58A, 58C, 141, 141A, 55A, 142, 142A, 223, 499.



Model 7048 TNC (M) CAPTIVE

See page 2 for cable assembly instructions.

Specifications

Nominal impedance	50 Ω
Frequency	0-11 GHz
VSWR	1.30 max. 0-11 GHz
Center / Outer contact resistance	1.5 / 0.2 m Ω
Number of insertions	500
Insulation resistance	5000 M Ω (min)
Dielectric withstand voltage	1500 Vrms
Ratings: Voltage: 500 Vrms Operating temperature: -85 °F to +131 °F (-65 °C to +155 °C) Max.	

Ordering Information

USA: Sales: 800-490-2361 Technical Support: 800-241-2060 Fax: 888-403-3360

Europe: 31-(0) 40 2675 150 International: 425-446-5500

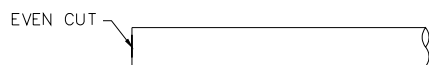
e-mail: technicalsupport@pomonatest.com

Where to Buy: www.pomonaelectronics.com

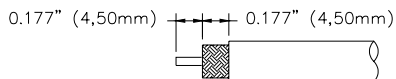
All dimensions are in inches. Tolerances (except noted): .xx = ± 0.02 " (.51 mm), .xxx = ± 0.005 " (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

Models 7048**TNC (M) 58,58A,58C,141,141A,55A,142,142A,223,499****Cable Assembly Instructions**

1. CUT CABLE END EVENLY AND PERPENDICULAR

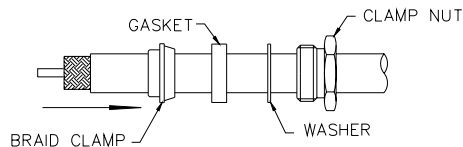


2. STRIP CABLE TO DIMENSIONS SHOWN.

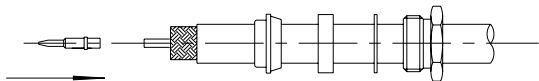


RECOMMENDED CABLE FOR MODEL 7048

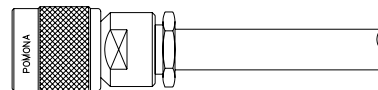
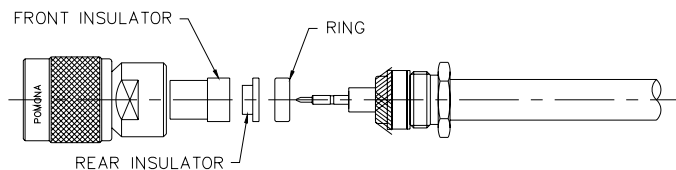
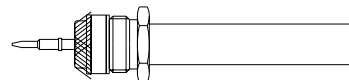
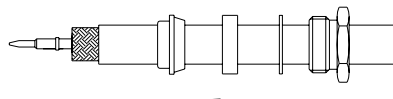
3. SLIDE CLAMP NUT, WASHER, GASKET AND BRAID CLAMP OVER END OF CABLE.



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



4. SLIDE CLAMP NUT, WASHER AND GASKET FORWARD AGAINST BRAID CLAMP, FRAY BRAID AND COMB BACK OVER BRAID CLAMP. SLIDE THE RING AND REAR INSULATOR AGAINST THE BRAID CLAMP. THEN INSERT THE INNER CONDUCTOR INTO THE CONTACT PIN AND SOLDER IT, SLIDE FRONT INSULATOR OVER CENTER CONTACT. THREAD CONNECTOR ONTO CLAMP NUT AND TIGHTEN.



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