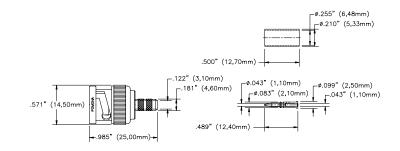


Models 7037 BNC (M) 50 Ω Crimp/Captive 58,58A,58C,141,141A





Model 7037 BNC (M) 50 Ω Crimp/Captive

Use for your 50 Ω coax cable assembly applications.

Features

- Designed for common cable types (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 made from precision machined high quality brass (not die cast).
- High quality machined PTFE dielectric.

Ordering Information

Model: 7037 BNC (M) 50 Ω Crimp/Captive 58, 58A, 58C, 141, 141A.

Specifications

Nominal impedance	50 Ω	
Frequency	0-4 GHz	
VSWR	1.30 max. 0-4 GHz	
Center / Outer contact resistance	1.5 / 1.0 mΩ	
Number of insertions	500	
Insulation resistance	5000 MΩ (min)	
Dielectric withstand voltage	1500 Vrms	
Ratings: Voltage: 500 Vrms Operating temperature: -85 °F to +131 °F (-65 °C to +155 °C) Max.		

 USA:
 Sales:
 800-490-2361
 Technical Support:
 800-241

 2060
 Fax:
 888-403-3360
 International:
 425-446-5500

 e-mail:
 technicalsupport@pomonatest.com
 International:
 425-446-5500

Where to Buy: www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted): .xx = $\pm .02^{\circ}$ (,51 mm), .xxx = $\pm .005^{\circ}$ (,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.

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Technical Data Sheet

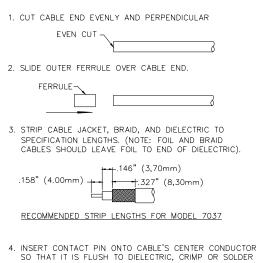
Models 7037 BNC (M) 50 Ω Crimp/Captive 58,58A,58C,141,141A

Cable Type and Crimp Die Information

Connector Model #	Cable Groups	Crimp Die set* Size (Hex/Pin)
7037	Belden 1407B, 1417B,	Model 7278
	1164B, 1167B, 1418B,	(.213 / .068)
	11467B	· · /

*For use with Pomona Crimp Tool Model 7277.

Cable Assembly Instructions



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



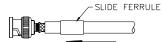
5. FLARE BRAID END SLIGHTLY.



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.



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