



TNC Male Connector Clamp Attachment for RG316

RF Connectors Technical Data Sheet

M39012/26-0018

Configuration

- TNC Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG316

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact
- QPL Part

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's M39012/26-0018 TNC male connector is part of our full line of RF components available for same-day shipping. Our TNC male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.25:1.

Our TNC male connector M39012/26-0018 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.25:1	
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	1.25 in [31.75 mm]
Width	0.64 in [16.26 mm]
Height	0.64 in [16.26 mm]
Weight	0.06 lbs [24.95 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Connector Clamp Attachment for RG316 M39012/26-0018](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Brass	Silver
Body	Brass	Silver

Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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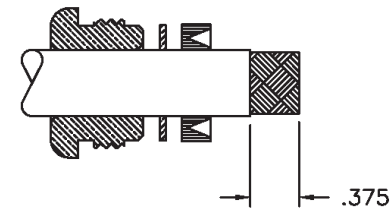
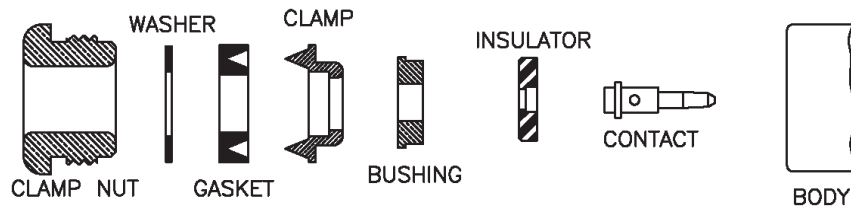


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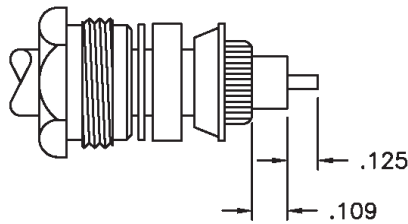
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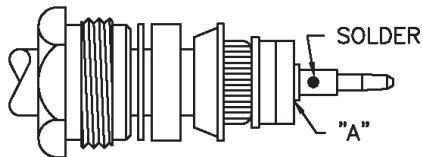
Assembly Instruction



- 1) Slide clamp nut, washer and gasket onto cable as shown. Cut off jacket to .375 dimension. Avoid cutting braid.



- 2) Slide braid clamp over braid and butt against jacket shoulder. Comb out braid wires, form over clamp as shown and trim excess braid wires. Cut dielectric to .109 as shown and center conductor to .125 dimension as shown.



- 3) Place bushing and insulator over cable dielectric as shown. Solder center contact to cable conductor leaving no gap at point "A". Remove excess solder from outside of contact. Insert assembly into connector body. Tighten nut with a wrench to a torque of 20-25 in-lbs.

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TNC Male Connector Clamp Attachment for RG316 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Connector Clamp Attachment for RG316 M39012/26-0018](https://www.pasternack.com/tnc-male-rg316-connector-m39012-26-0018-p.aspx)

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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

M39012/26-0018 CAD Drawing

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