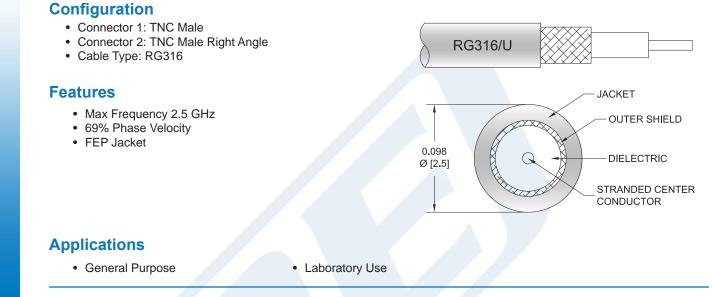


TNC Male to TNC Male Right Angle Cable 12 Inch Length Using RG316 Coax with HeatShrink



RF Cable Assemblies Technical Data Sheet

PE3W06336/HS-12



Description

Pasternack's PE3W06336/HS-12 TNC male to TNC male right angle 12 inch cable using RG316 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack TNC to TNC cable assembly has a male to male gender configuration with 50 ohm flexible RG316 coax. The PE3W06336/HS-12 TNC male to TNC male cable assembly operates to 2.5 GHz. The right angle TNC interface on the RG316 cable allows for easier connections in tight spaces.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.5	GHz
VSWR			1.5:1	
Velocity of Propagation		69		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Male to TNC Male Right Angle Cable 12 Inch Length Using RG316 Coax with HeatShrink PE3W06336/HS-12

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com



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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	2.5	GHz
Insertion Loss (Max.)	0.41	0.46	0.53	0.68	0.83	dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax use in this assembly. The Insertion Loss includes an estimated insertion loss of 0.3dB of connector Loss

Mechanical Specifications

Cable Assembly Length* Diameter

Cable

Cable Type Impedance Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 Jacket Material Jacket Diameter 12 in [304.8 mm] 0.6 in [15.24 mm]

RG316 50 Ohms Stranded Copper Clad Steel, Silver PTFE 1 Silver Plated Copper Braid FEP, Tan 0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2 TNC Male Right Angle	
Туре	TNC Male		
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Beryllium Copper, Gold	Brass, Gold	
Dielectric Type	Teflon	POM	
Body Material and Plating	Brass, Silver	Brass, Nickel	
Coupling Nut Material and Plating	Brass, Silver		

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

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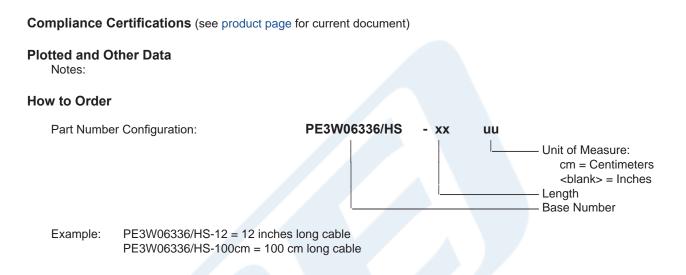




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RF Cable Assemblies Technical Data Sheet



TNC Male to TNC Male Right Angle Cable 12 Inch Length Using RG316 Coax with HeatShrink 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 to TNC Male Right Angle Cable 12 Inch Length Using RG316 Coax with HeatShrink PE3W06336/HS-12

URL: https://www.pasternack.com/tnc-male-tnc-male-rg316u-cable-assembly-pe3w06336-hs-12-p.aspx

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.

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PE3W06336/HS-12 CAD Drawing TNC Male to TNC Male Right Angle Cable 12 Inch

Length Using RG316 Coax with HeatShrink

