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50 Ohm TNC Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant

TECHNICAL DATA SHEET PE7080

50 Ohm TNC Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant

Configuration

Design	Fixed Matching Pad
Body Style	Straight
Connector 1	TNC Male
Impedance 1	50 Ohms
Connector 2	F Male
Impedance 2	75 Ohms

Electrical Specifications

Frequency Range, GHz	DC to 3
Maximum VSWR	1.25:1
Maximum Attenuation, dB	5.7
Attenuation Accuracy	± 0.5
Maximum Input Power, Watts	2
Directionality	Bidirectional

Mechanical Specifications

Size

Length, in [mm]	1.78 [45.21]
Width/Dia., in [mm]	0.59 [14.99]
Body Material and Plating	Passivated Stainless Steel

Connector 1

Type	TNC Male
Dielectric Type	PTFE
Inner Conductor Material and Plating	Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Passivated Stainless Steel

Connector 2

Type	F Male
Dielectric Type	PTFE
Inner Conductor Material and Plating	Nickel
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	7/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Brass, Nickel

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 50 Ohm TNC Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant PE7080

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

50 Ohm TNC Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/impedance-matching-pad-50-ohm-tnc-male-to-75-ohm-f-male-pe7080-p.aspx

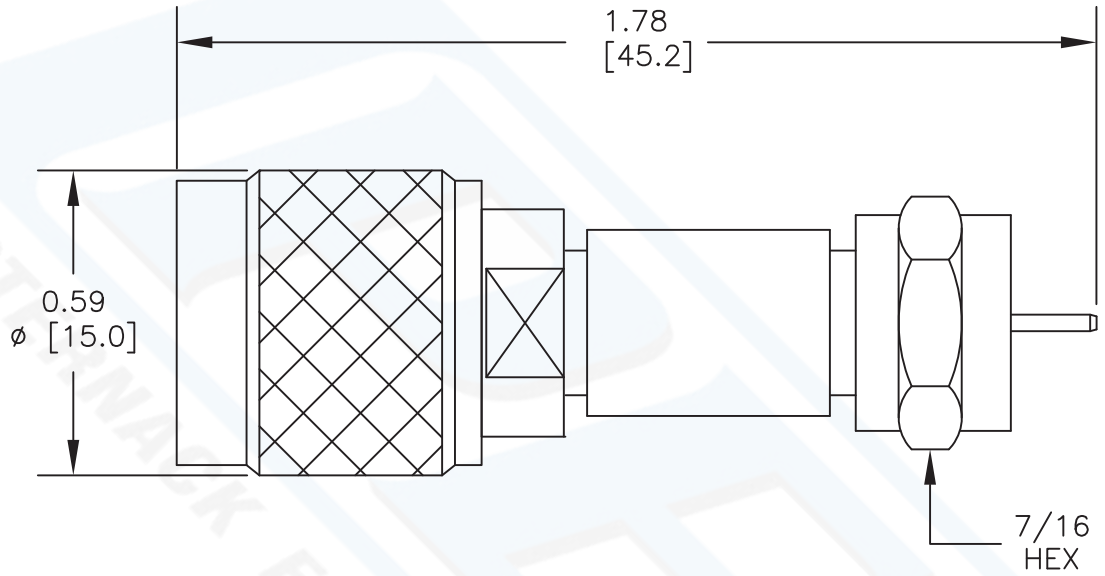
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MATERIALS	
BODY	PASSIVATED STAINLESS STEEL
CONNECTORS	BRASS NICKEL PLATED
INSULATOR	PTFE
TNC CONTACT	GOLD PLATED
F CONTACT	NICKEL PLATED



SPECIFICATIONS

FREQUENCY RANGE: DC TO 3 GHz
VSWR: 1.25:1
ATTENUATION: 5.7 dB
ACCURACY: ±0.5 dB
INPUT POWER: 2 Watts Avg @ +25°C

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COAXIAL & FIBER OPTICS

DWG TITLE	DES.
PE7080	50 OHM TNC MALE TO 75 OHM F MALE MATCHING PAD, FREQUENCY RANGE: DC TO 3 GHz

REV. A	FSCM NO. 53919	CAD FILE 020612	SCALE N/A	SIZE A	2233

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].