



## 3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable

### TECHNICAL DATA SHEET

PE44488

#### 3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable

##### Configuration

Connector	3.5mm Female
Connector Specification	IEC 60169-23
Connector Interface Type	VNA Test Cable
Cable Attachment Method (Shield/Contact)	Threaded
Connector Design	Precision
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 26.5
Impedance, Ohms	50
Maximum VSWR	1.2:1
Maximum Return Loss, dB	21
Maximum Insertion Loss, dB	0.2
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	1,000

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +85
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###### Size

Length, in [mm]	1.02 [25.91]
Width/Dia., in [mm]	0.71 [18.03]
Weight, lbs [g]	0.048 [21.77]

###### Connector

Type	3.5mm Female
Mating Cycles	500
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	50 [1.27] $\mu$ in. [ $\mu$ m] minimum
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PS

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable PE44488](#)

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.



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#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable 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.

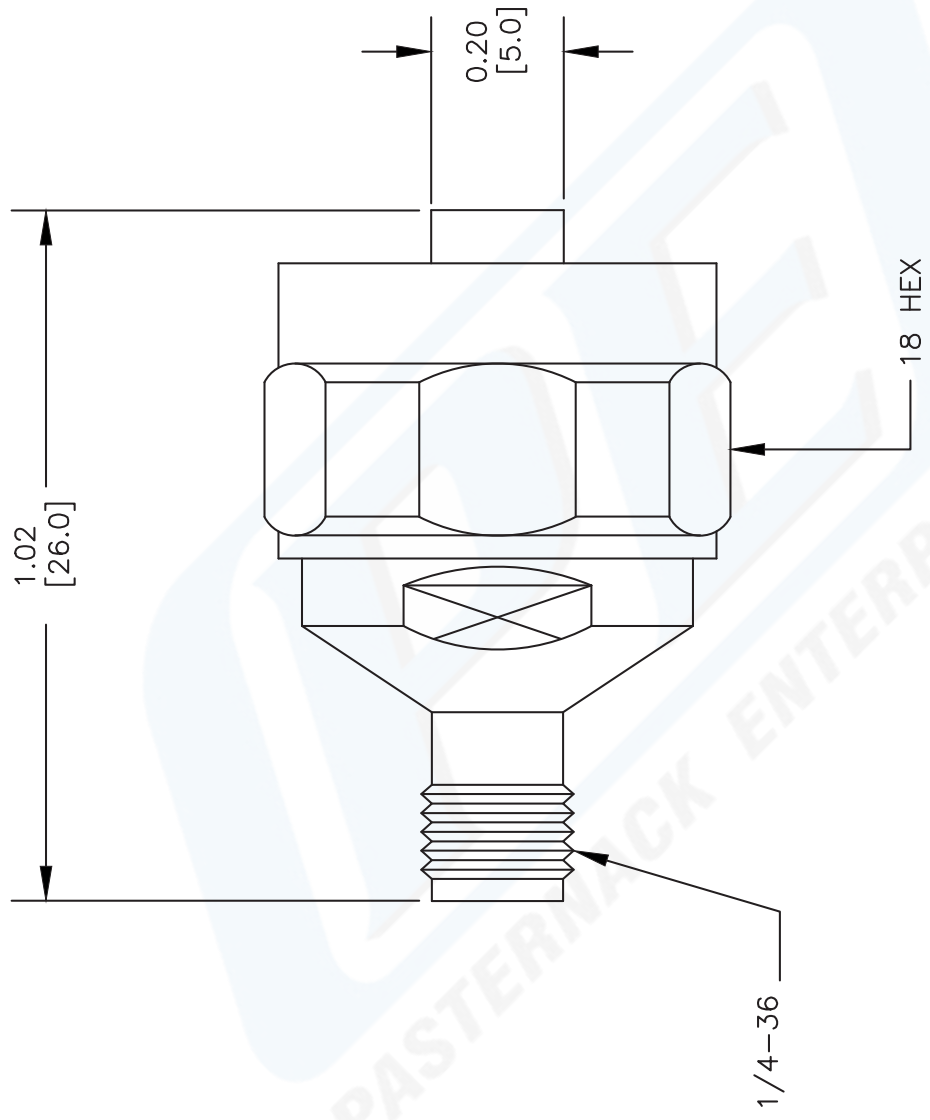
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable PE44488](#)

URL: <http://www.pasternack.com/3.5mm-female-standard-vna-test-cable-connector-pe44488-p.aspx>

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PE44488 CAD Drawing

3.5mm Female Precision Connector Threaded Attachment For VNA Test Cable



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].

DWG TITLE		FSCM NO. 53919		CAD FILE 103006		SCALE N/A	SIZE A	XXX
PE44488								

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