



10 dB Fixed Attenuator, 7/16 DIN Female To TNC Female  
Directional Rated To 50 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7345-10

10 dB Fixed Attenuator, 7/16 DIN Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz

**Configuration**

Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Female
Connector 2	TNC Female
Body Material and Plating	Aluminum Heatsink, Black Anodized

**Electrical Specifications**

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	10
Maximum Input Power, Watts	50
Maximum VSWR	1.6:1

**Frequency 1**

Range, GHz	DC to 6
VSWR	1.3:1
Attenuation Accuracy, dB	0.75

**Frequency 2**

Range, GHz	6 to 12.4
VSWR	1.45:1
Attenuation Accuracy, dB	0.75

**Frequency 3**

Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	1.25

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-55 to +125
------------------------	-------------

**Size**

Length, in [mm]	4.01 [101.85]
Width, in [mm]	3 [76.2]
Height, in [mm]	3 [76.2]
Weight, lbs [g]	1.796 [814.65]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10 dB Fixed Attenuator, 7/16 DIN Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz PE7345-10](#)

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.



10 dB Fixed Attenuator, 7/16 DIN Female To TNC Female  
Directional Rated To 50 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7345-10

**Connector 1**

Type  
Contact Material and Plating  
Hex Size, In.  
Body Material and Plating

7/16 DIN Female  
Brass, Silver  
11/16  
Brass, Silver

**Connector 2**

Type  
Contact Material and Plating  
Outer Conductor Material and Plating  
Hex Size, In.  
Body Material and Plating

TNC Female  
Beryllium Copper, Gold  
Stainless Steel, Passivated  
11/16  
Stainless Steel, Passivated

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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level  
OUTPUT PORT HANDLES 5 WATTS MAX POWER

URL: <http://www.pasternack.com/10db-fixed-7-16-female-tnc-female-50-watts-attenuator-pe7345-10-p.aspx>

10 dB Fixed Attenuator, 7/16 DIN Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz 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.

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.

