



10 dB Fixed Attenuator, SMA Female To TNC
Female Black Anodized Aluminum Heatsink
Body Rated To 25 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7365-10

Configuration

Design	Fixed, Bidirectional Attenuator
Connector 1	SMA Female
Connector 2	TNC Female
Body Material and Plating	Black Anodized Aluminum Heatsink

Electrical Specifications * Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
Attenuation Value		10 to 10		dB
Input Power			25	Watts
Peak Power			500	Watts
VSWR			1.45:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 6	6 to 7.5	7.5 to 18			GHz
VSWR	1.3:1	1.45:1	1.6:1			
Attenuation Accuracy	± 0.5	± 0.75	± 1.25			dB
Maximum Input Power	25					Watts

Mechanical Specifications

Temperature

Operating Range	-55 to +125 deg C
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Size

Length	4.5 in [114.3 mm]
Width	2.41 in [61.21 mm]
Weight	0.8 lbs [362.87 g]

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, SMA Female To TNC Female Black Anodized Aluminum Heatsink Body Rated To 25 Watts Up To 18 GHz PE7365-10](#)



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Connectors

Description	Connector 1	Connector 2
Type	SMA Female	TNC Female
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	Gold	
Outer Conductor Material and Plating		Stainless Steel, Passivated
Coupling Nut Material and Plating	Stainless Steel, Passivated	
Coupling Nut Plating Specification	Stainless Steel	
Hex Size	16-Nov In.	16-Nov In.
Body Material and Plating	Stainless Steel, Passivated	Stainless Steel, Passivated
Body Plating Specification	Passivated	

Compliance Certifications (visit www.Pasternack.com for current document)
RoHS Compliant

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Performance Data

10 dB Fixed Attenuator, SMA Female To TNC Female Black Anodized Aluminum Heatsink Body Rated To 25 Watts Up To 18 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: [10 dB Fixed Attenuator, SMA Female To TNC Female Black Anodized Aluminum Heatsink Body Rated To 25 Watts Up To 18 GHz PE7365-10](http://www.pasternack.com/10db-fixed-sma-female-tnc-female-25-watts-attenuator-pe7365-10-p.aspx)

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PE7365-10 CAD Drawing

10 dB Fixed Attenuator, SMA Female To TNC Female Black Anodized
Aluminum Heatsink Body Rated To 25 Watts Up To 18 GHz

Table of Information		Part Number Configuration	
Connector Type	DIM "A" (REF.)	Input Connector	Output Connector
SMA Male	0.68	SMA Male	7/16 Female
SMA Female	0.54	SMA Male	N Female
TNC Male	0.98	SMA Male	SMA Female
TNC Female	0.94	SMA Male	TNC Female
N Female	0.95	SMA Female	7/16 Male
N Male	0.98	SMA Female	N Female
7/16 Male	1.12	SMA Female	SMA Female
7/16 Female	1.16	SMA Female	TNC Female

xx	Input Connector	Output Connector
55	SMA Male	7/16 Female
56	SMA Male	N Female
57	SMA Male	SMA Female
58	SMA Male	TNC Female
59	SMA Female	7/16 Female
60	SMA Female	7/16 Male
61	SMA Female	N Female
62	SMA Female	N Male
63	SMA Female	SMA Female
64	SMA Female	TNC Female
65	SMA Female	TNC Female
66	N Male	7/16 Female
67	N Male	N Female
68	N Male	TNC Female
69	N Female	7/16 Female
70	N Female	7/16 Male
71	N Female	N Female
72	N Female	TNC Female
73	N Female	TNC Male
74	TNC Male	7/16 Female
75	TNC Male	TNC Female
76	TNC Female	7/16 Female
77	TNC Female	7/16 Male
78	TNC Female	TNC Female
79	7/16 Male	7/16 Female
80	7/16 Female	7/16 Female
-yy	Indicates Attenuation Level	

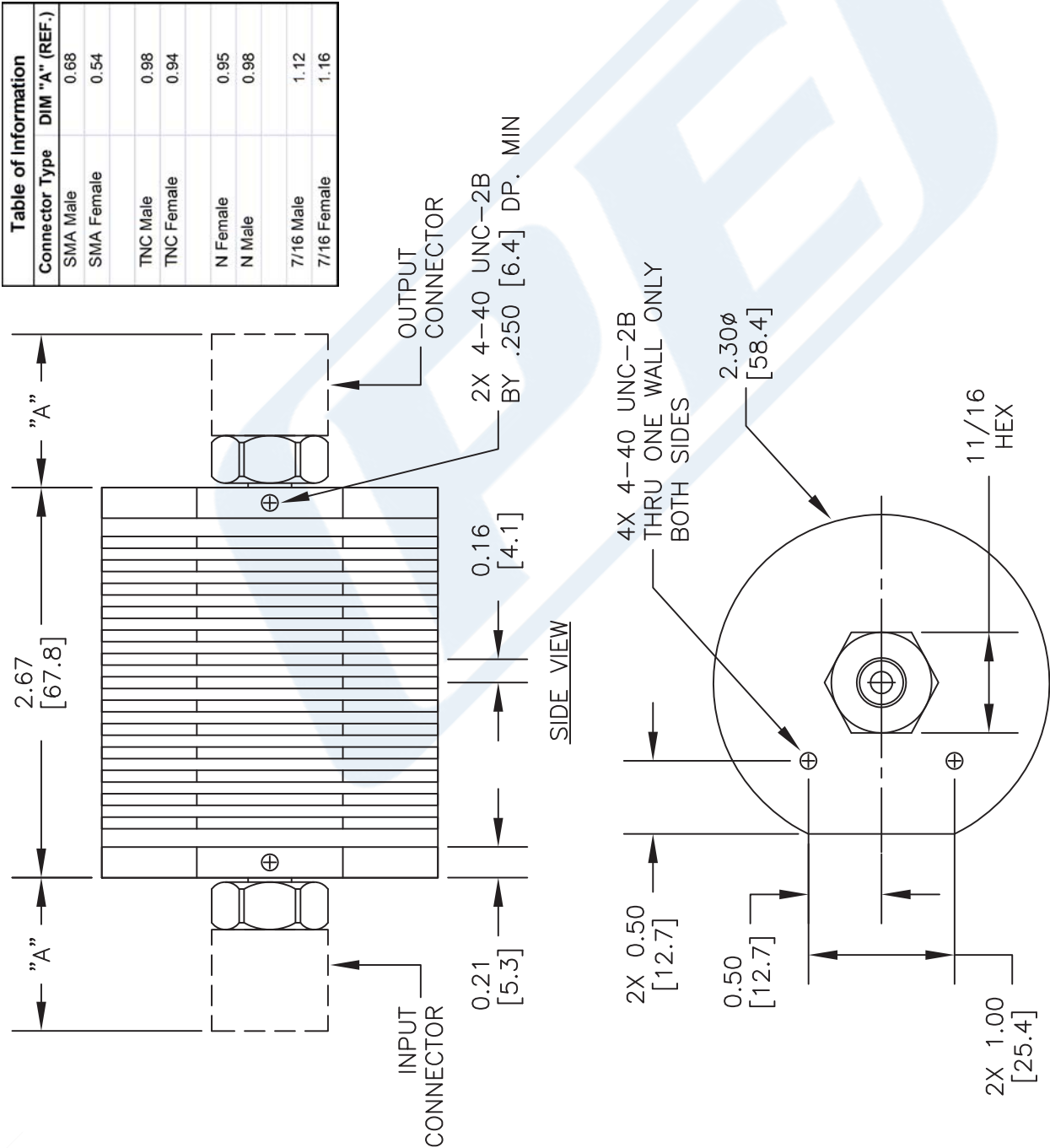


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