

# B ATTENUATORS

2.9mm

DC - 26.5 GHz

2 Watts

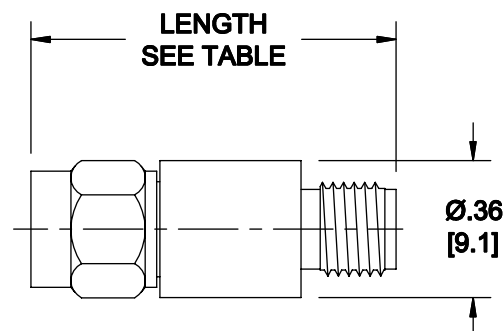


MODELS: 26B

## SPECIFICATIONS:

### Electrical:

Frequency Range	DC - 26.5 GHz	
Standard dB Values*	0, 3, 6, 10, 20, 30, 40, 50 & 60 dB	
Attenuation Accuracy	DC - 18 GHz	18 - 26.5 GHz
0 - 6 dB	±0.4 dB	±0.5 dB
7 - 20 dB	±0.6 dB	±0.75 dB
21 - 30 dB	±0.8 dB	±1.0 dB
31 - 60 dB	±1.5 dB	±2.0 dB
VSWR		
DC - 18 GHz	1.30:1 Max.	
18 - 26.5 GHz	1.40:1 Max.	
Input Power	2 Watts Avg. @ 25°C	
	DERATED LINEARLY TO 0.5 WATTS @ +125°C	
Peak Power	250 Watts Max.	
	(5uSec Pulse, .05% Duty Cycle)	
Impedance	50 Ohms	
Operating Temp Range	-65°C to +125°C	
RF Leakage	90 dB Min	



### Mechanical:

2.9mm Connectors Passivated Stainless Steel  
Mate both Mechanically & Electrically with  
all SMA, K\* & 3.5mm Series Connectors.

Conductors Gold Plated Beryllium Copper

\*K is a trademark of Wiltron Corp.

Connector Configuration	LENGTH					
	0 - 12 dB		13 - 30 dB		31 - 60 dB	
	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
Male/Female	.86 ±.03	[21.8 ±0.8]	.99 ±.03	[25.1 ±0.8]	1.36 ±.03	[34.5 ±0.8]
Male/Male	.96 ±.03	[24.4 ±0.8]	.92 ±.03	[23.4 ±0.8]	1.29 ±.03	[32.8 ±0.8]
Female/Female	.92 ±.03	[23.4 ±0.8]	1.05 ±.03	[26.7 ±0.8]	1.43 ±.03	[36.3 ±0.8]

## HOW TO ORDER:

Model Number: **26B-XXY**

dB Value

Connector Configuration  
= Male/Female  
F = Fem/Fem  
M = Male/Male

### Ordering Examples:

Model Number: **26B-20**  
20 dB; 2.9mm - Male/Fem

Model Number: **26B-6F**  
6 dB; 2.9mm - Fem/Fem

Model Number: **26B-3M**  
3 dB; 2.9mm - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

\*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are also available. Gold plated units are also available.

26B-ATT; REV G