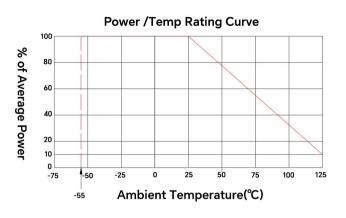


# TMFA18XS10B-XX

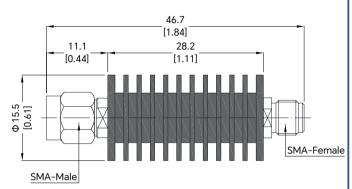
Coaxial Fixed Attenuator | DC to 18 GHz 1~40dB, 10W, SMA-Male and SMA-Female

#### Specifications

Frequency Range:	DC~18GHz
Input Avg Power:	10W@25°C
Impedance:	50 Ohms
Attenuation:	1-40dB
VSWR:	1.30 max.
Connector:	SMA-Male and SMA-Female
Operating Temp.:	-55°C~+125°C
Connector Body:	Gold plated brass / Stainless steel
Female Center Contact:	Gold plated beryllium copper
Male Center Contact:	Gold plated brass
Male Center Contact: Heat Sink:	Gold plated brass Black anodized aluminum
	•
Heat Sink:	Black anodized aluminum



### Outline Drawing[mm[inch]]



#### Maximum Deviation over Frequency

Nominal	Frequency Range(GHz)				
ATTN(dB)	-	DC~8	DC~12.4	DC~18	
1~10	-	±0.6	±0.6	±0.6	
11~20	-	±0.8	±0.8	±0.8	
21~30	-	± 1.0	± 1.0	± 1.0	
40	-	±1.0	± 1.0	-	
VSWR(max)	-	1.3	1.3	1.3	

## **Ordering Information**

TMFA18	X	S	10B	-	XX
					XX: Attenuation dB value
					Average Power(W)
					RF Connector
					(S: SMA male and SMA female)
					X: Maximum Frequency(GHz)
					8: DC~8GHz
					12: DC~12.4GHz
					18: DC~18GHz
					Titan Microwave Fixed Attenuator

Titan Microwave Inc.

A Professional RF & Microwave Components Supplier

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All product specifications are subject to change without notice