

**SPECIFICATIONS**

Frequency Range:	DC~18GHz
Input Avg Power:	2W@25°C
Impedance:	50 Ohms
Attenuation:	1~60dB
VSWR:	1.3 max.
Connector:	SMA-Male & SMA-Female
Operating Temp.:	-55°C~+125°C
Connector Body:	Stainless Steel
Female Center Contact:	Gold plated beryllium copper
Male Center Contact:	Gold plated brass
Heat Sink:	N/A
Dimensions:	Ø9mm×L
	L=24mm when 1-10dB
	L=26.6mm when 11-30dB
	L=30mm when 31-60dB
RoHS Status:	RoHS Compliant

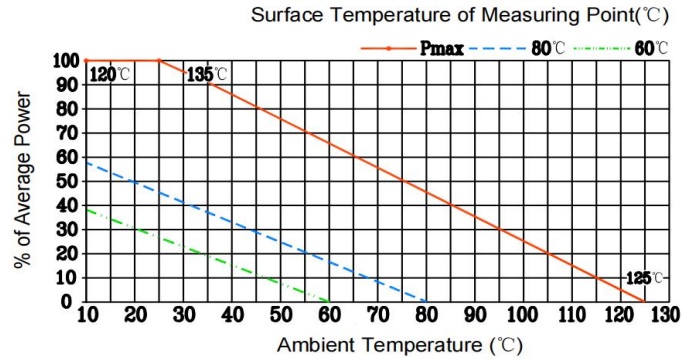
**Maximum Deviation over Frequency**

Nominal ATTN. (dB)	Frequency Range(GHz)			
	DC~4	DC~8	DC~12.4	DC~18
1-6	±0.4	±0.4	±0.5	±0.5
7-10	±0.5	±0.5	±0.5	±0.5
11-20	±0.5	±0.6	±0.7	±0.7
21-30	±0.7	±0.8	±0.9	±1.0
31-40	±0.7	±0.8	±1.0	±1.5
41-60	±0.8	±0.9	±1.0	±1.5
VSWR(max)	1.15	1.2	1.25	1.3

**Ordering Information**

<b>TMFA18</b>	<b>X</b>	<b>S</b>	<b>2C</b>	<b>-</b>	<b>XX</b>
					XX: Attenuation dB value
					Average Power(W)
					RF Connector (S: SMA-Male & SMA-Female)
					X: Maximum Frequency(GHz) 04: DC~4 GHz 12: DC~12.4 GHz
Titan Microwave Fixed Attenuator					

**Power/Temp Rating Curve**



**Dimensions[mm]**

