

**SPECIFICATIONS**

Frequency Range:	DC~18GHz
Input Avg Power:	50W@25°C
Impedance:	50 Ohms
Attenuation:	1-50dB
VSWR:	1.45 max.
Connector:	N-Male and N-Female
Operating Temp.:	-55°C~+125°C
Connector Body:	Gold plated brass
Female Center Contact:	Gold plated beryllium copper
Male Center Contact:	Gold plated brass
Heat Sink:	Black anodized aluminum
Dimensions:	Ø45×79 mm
RoHS Status:	RoHS Compliant

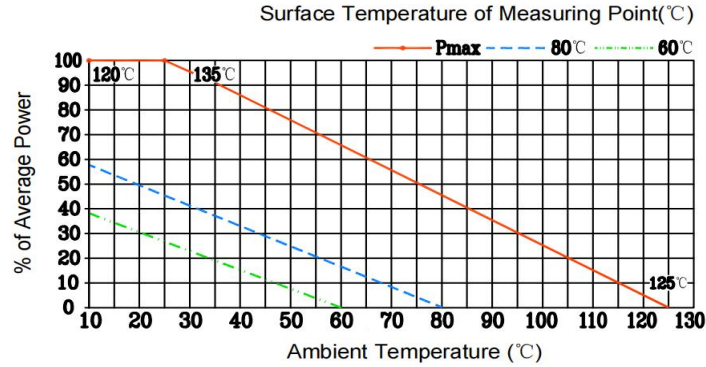
**Maximum Deviation over Frequency**

Nominal ATTN(dB)	Frequency Range(GHz)			
	DC~4	DC~8	DC~12.4	DC~18
1-10	±0.4	±0.5	±0.6	±0.8
20	±0.5	±0.6	±0.7	±0.9
30	±0.7	±0.8	±0.8	±1.1
40-50	±0.7	±0.8	±1.1	±1.3
VSWR(max)	1.2	1.25	1.35	1.45

**Ordering Information**

<b>TMFA18</b>	<b>X</b>	<b>N</b>	<b>50B</b>	<b>-</b>	<b>XX</b>
					XX: Attenuation dB value
					Average Power(W)
					RF Connector (N: N-Male and N-Female)
					X: Maximum Frequency(GHz) 04: DC-4 GHz 12: DC-12.4 GHz 18: DC-18 GHz
					Titan Microwave Fixed Attenuator

**Power/Temp Rating Curve**



**Dimensions [mm]**

