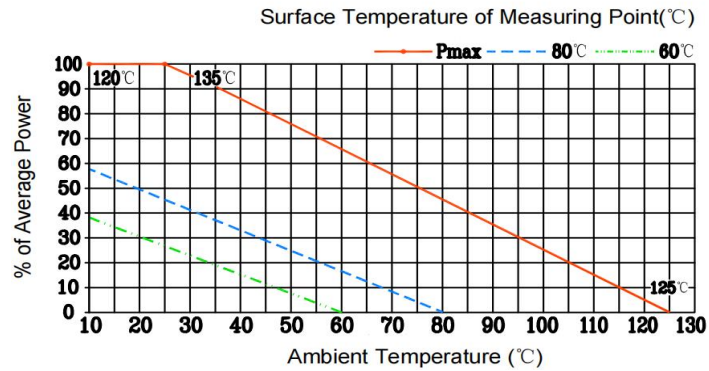


**SPECIFICATIONS**

Frequency Range:	DC~18 GHz
Input Avg Power:	100W@25°C
Impedance:	50 Ohms
Attenuation:	6-60dB
VSWR:	1.45 max.
Connector:	TNC-Male to TNC-Female
Operating Temp.:	-55°C~+125°C
Female Center Contact:	Gold plated beryllium copper
Male Center Contact:	Gold plated brass
Heat Sink:	Black Anodized Aluminum
Dimensions:	Ø64×121 mm
RoHS Status:	RoHS Compliant

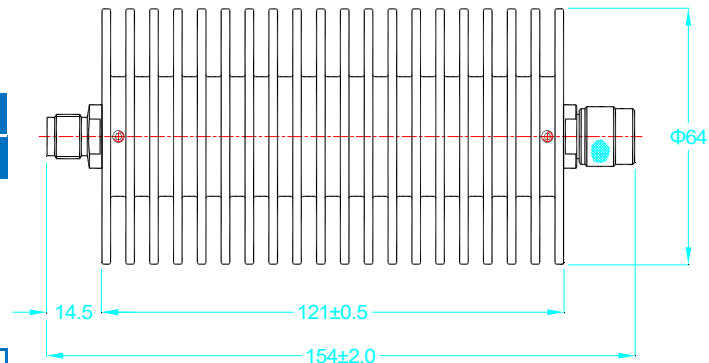
**Power/Temp Rating Curve**



**Maximum Deviation over Frequency**

Nominal ATTN(dB)	Frequency Range(GHz)			
	DC~4	DC~8	DC~12.4	DC~18
1-10	±0.4	±0.7	±0.75	±0.8
11-20	±0.5	±0.8	±0.95	±1.0
21-30	±0.7	±1.0	±1.0	±1.2
31-40	±0.7	±1.15	±1.2	±1.3
VSWR(max)	1.2	1.25	1.35	1.45

**Outline Drawing[mm]**



**Ordering Information**

TMFA18	X	T	100	-	XX
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XX: Attenuation dB value  
 Average Power(W)  
 RF Connector  
 (T: TNC-Male to TNC-Female)  
 X: Maximum Frequency(GHz)  
 08: DC~8 GHz  
 12: DC~12.4 GHz  
 18: DC~18 GHz  
 Titan Microwave Fixed Attenuator