

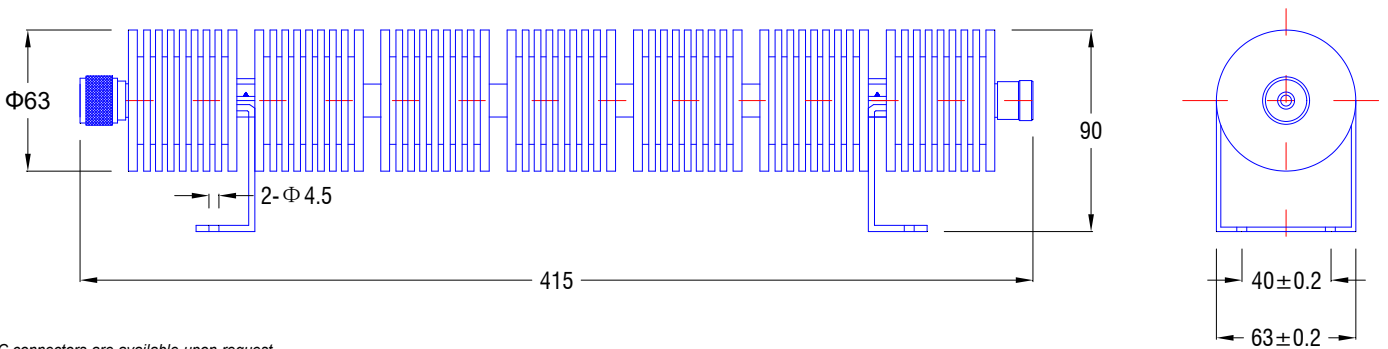
SPECIFICATIONS

Frequency Range:	DC~18GHz
Input Avg Power:	250W@25°C, 25W@125°C
Peak Power:	1kW(5μs pulse width, 10% duty cycle)
Impedance:	50 Ohms
Attenuation:	10-50dB
VSWR:	1.55 max.
Connector:	N-Male to N-Female
Operating Temp.:	-55°C~+125°C
Connector Body:	Nickel plated brass
Female Center Contact:	Gold plated beryllium copper
Male Center Contact:	Gold plated brass
Heat Sink:	Black anodized aluminum
Dimensions:	Φ63×415mm
Weight:	1300g
RoHS Status:	RoHS Compliant

Maximum Deviation over Frequency

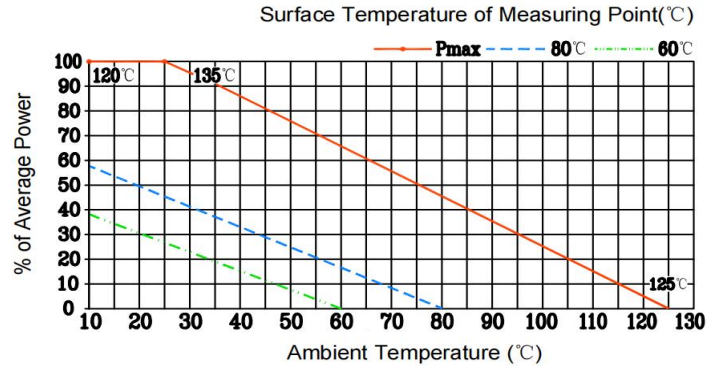
Nominal ATTN(dB)	Frequency Range(GHz)			
	-	-	DC~12.4	DC~18
10	-	-	-1.5/+2.0	-2.5/+4.0
20	-	-	-2.5/-1.0	-2.5/+5.0
30	-	-	±2.0	-2.0/+3.5
40	-	-	±2.0	-2.0/+3.5
50	-	-	±2.0	-2.0/+3.0
VSWR(max)	-	-	1.4	1.55

Outline Drawing[mm]



TNC connectors are available upon request.

Power/Temp Rating Curve



Ordering Information

TMFA18 **X** **N** 250C - **XX**

- XX: Attenuation dB value
- Average Power(W)
- RF Connector
- (N: N-Male to N-Female)
- X: Maximum Frequency(GHz)
- 12: DC~12.4 GHz
- 18: DC~18 GHz

Titan Microwave Fixed Attenuator