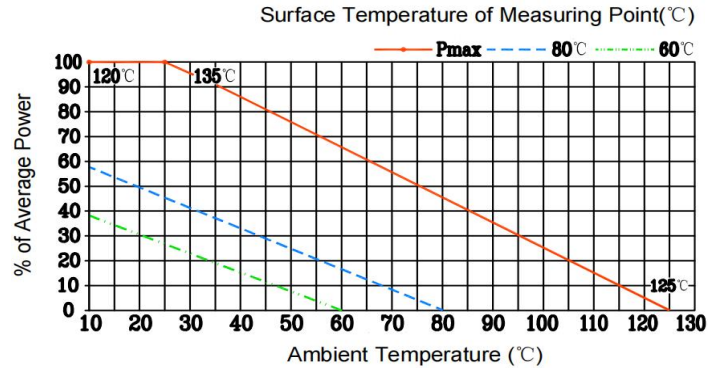


SPECIFICATIONS

| | |
|------------------------|------------------------------|
| Frequency Range: | DC~18 GHz |
| Input Avg Power: | 25W@25°C |
| Impedance: | 50 Ohms |
| Attenuation: | 1-50dB |
| 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: | Ø38×70 mm |
| RoHS Status: | RoHS Compliant |

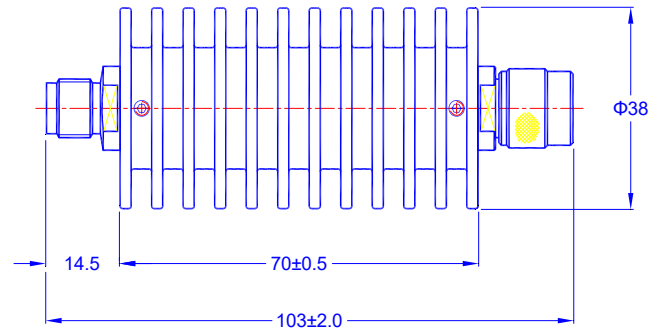
Power/Temp Rating Curve



Maximum Deviation over Frequency

| Nominal ATTN(dB) | Frequency Range(GHz) | | | |
|------------------|----------------------|------|---------|-------|
| | DC~4 | DC~8 | DC~12.4 | DC~18 |
| 1-10 | ±0.4 | ±0.5 | ±0.7 | ±0.8 |
| 11-20 | ±0.5 | ±0.6 | ±0.8 | ±0.9 |
| 21-30 | ±0.6 | ±0.8 | ±0.9 | ±1.1 |
| 40-50 | ±0.7 | ±0.8 | ±1.1 | ±1.3 |
| VSWR(max) | 1.2 | 1.25 | 1.35 | 1.45 |

Dimensions [mm]



Ordering Information

| | | | | | |
|--------|---|---|----|---|----|
| TMFA18 | X | T | 25 | - | XX |
|--------|---|---|----|---|----|

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