

SPECIFICATIONS

| | |
|------------------------|-------------------------------------|
| Frequency Range: | DC~18GHz |
| Input Avg Power: | 100W@25°C |
| Impedance: | 50 Ohms |
| Attenuation: | 6-70dB |
| VSWR: | 1.45 max. |
| Connector: | SMA-Male to SMA-Female |
| Operating Temp.: | -55°C~+125°C |
| Connector Body: | Gold plated brass / Stainless steel |
| 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 |

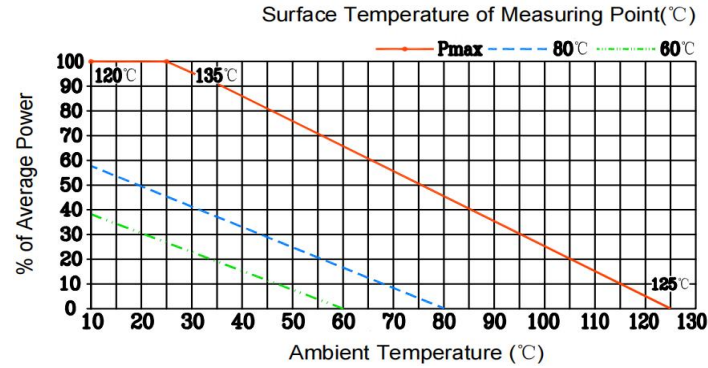
Maximum Deviation over Frequency

| Nominal ATTN(dB) | Frequency Range(GHz) | | | |
|---------------------|----------------------|------|---------|-------|
| | DC~4 | DC~8 | DC~12.4 | DC~18 |
| 6-10 | ±0.7 | ±0.8 | ±1.2 | ±1.5 |
| 20 | ±0.7 | ±0.8 | ±0.9 | ±1.5 |
| 30 | ±0.8 | ±0.9 | ±1.0 | ±1.3 |
| 40 | ±0.8 | ±0.9 | ±1.0 | ±1.3 |
| 50-70 | ±1.0 | ±1.0 | ±1.1 | ±1.4 |
| VSWR(Max.) | 1.2 | 1.25 | 1.35 | 1.45 |

Ordering Information

| | | | | | |
|---------------|----------|----------|------------|----------|--|
| TMFA18 | X | S | 100 | - | XX |
| | | | | | Attenuation dB value |
| | | | | | Average Power(W) |
| | | | | | RF Connector (S:SMA male to SMA female) |
| | | | | | Maximum Frequency(GHz) 03: DC~3 GHz 12: DC~12.4 GHz 18: DC~18 GHz |
| | | | | | Titan Microwave Fixed Attenuator |

Power/Temp Rating Curve



Dimensions [mm]

