

SPECIFICATIONS

| | |
|------------------------|-------------------------------------|
| Frequency Range: | DC~18GHz |
| Input Avg Power: | 100W@25°C |
| Impedance: | 50 Ohms |
| Attenuation: | 6-60dB |
| VSWR: | 1.45 max. |
| Connector: | N-Male to N-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: | 64×64×105 mm |
| RoHS Status: | RoHS Compliant |

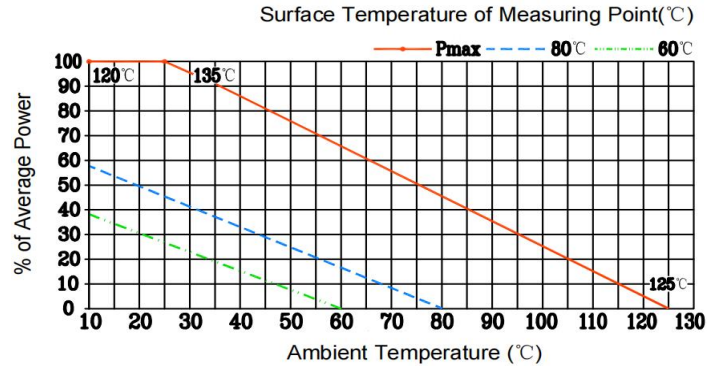
Maximum Deviation over Frequency

| 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 |
| 50~60 | ±1.0 | ±1.0 | ±1.1 | ±1.4 |
| VSWR(Max.) | 1.2 | 1.25 | 1.35 | 1.45 |

Ordering Information

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

Power/Temp Rating Curve



Outline Drawing [mm]

