

## FCCT1802

### DC~18GHz, 2W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching

#### Electrical

Frequency: DC~18GHz  
 VSWR: 1.25  
 Average Power\*1: 2W@25°C max.  
 Pack Power: 20W (5µs pulse width, 1% duty cycle)  
 Impedance: 50Ω

[1] Derated linearly to 0.5W@125°C.

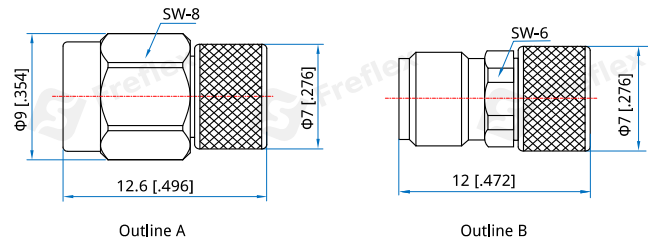
#### Mechanical

Connectors: SMA  
 Weight: 3g  
 Housing: Passivated Stainless Steels  
 Male Inner Conductor: Gold plated brass  
 Female Inner Conductor: Gold plated beryllium copper  
 Dielectric: PTFE

#### Environmental

Temperature: -260~+125°C

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±2%

#### How To Order

**FCCT1802-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:  
 S - SMA male (Outline A)  
 SF - SMA female (Outline B)

Examples:

To order a termination, DC-18GHz, SMA male, specify FCCT1802-18-S.

Customization is available upon request.