

## FE-0-6000-S-8

### DC~6GHz, 8dB

Features:  
 \* Low VSWR  
 \* Small Size

Applications:  
 \* Amplifier  
 \* Laboratory Test  
 \* Instrumentation



#### Electrical

Frequency: DC~6GHz  
 VSWR: 1.2 typ.  
 Slope: 8dB

Frequency (GHz)	0.01	1	2	3	4	5	6
Insertion Loss (dB typ.)	8.5	7.5	5	2.9	1.5	0.7	0.5

#### Absolute Maximum Ratings\*1

RF Input Power: +31dBm

[1] Permanent damage may occur if any of these limits are exceeded.

#### Mechanical

Size\*2:  $\Phi 11 \times 20$ mm  
 0.433\*0.787in

Connectors: SMA

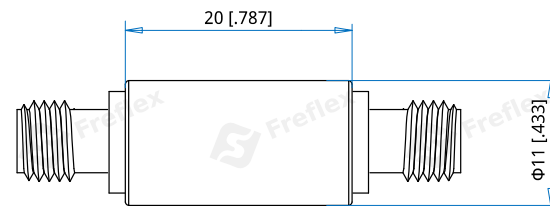
[2] Exclude connectors.

#### Environmental

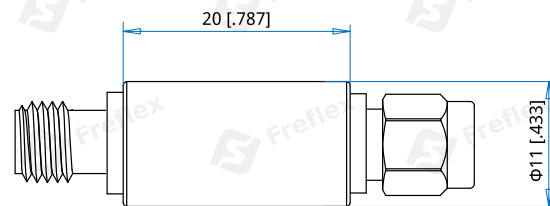
Operating Temperature: -40~+85°C

Non-operating Temperature: -45~+125°C

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance:  $\pm 0.2$ mm [ $\pm 0.008$ in]

#### How To Order

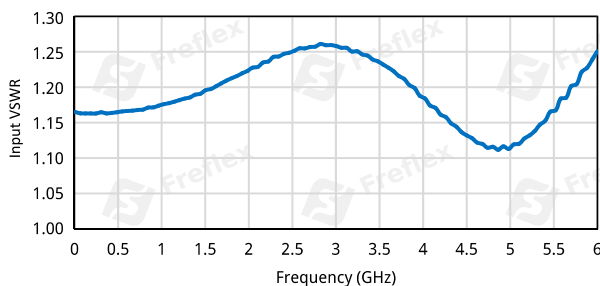
**FE-0-6000-S-8** - SMA female, SMA female, Outline A

**FE-0-6000-SSM-8** - SMA female, SMA male, Outline B

Customization is available upon request.

#### Typical Performance Curves

Input VSWR vs. Frequency



Output VSWR vs. Frequency

