

# ATTENUATORS

1.85mm, DC - 50 GHz, 2 Watts

## SPECIFICATIONS:

Model: 50V-XX

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

### Electrical:

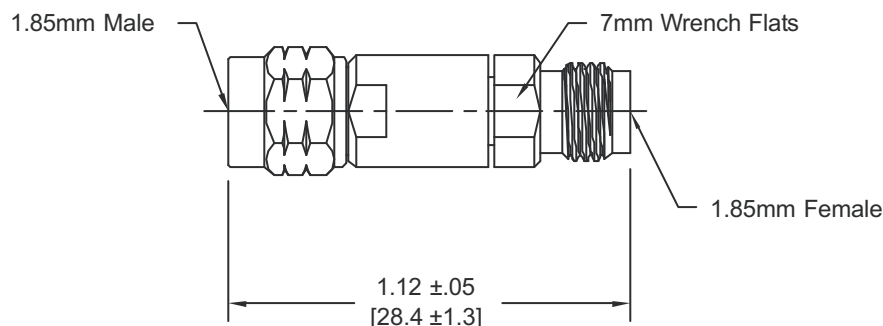
Frequency Range \_\_\_\_\_ DC - 50 GHz  
 Standard dB Values \_\_\_\_\_ 3, 6, & 10 dB  
 Attenuation Accuracy DC - 18 GHz \_\_\_\_\_ 18 - 40 GHz \_\_\_\_\_ 40 - 50 GHz  
 3, & 6 dB \_\_\_\_\_ ±0.5 dB \_\_\_\_\_ ±1.0 dB \_\_\_\_\_ ±1.5 dB  
 10 dB \_\_\_\_\_ ±0.75 dB \_\_\_\_\_ ±1.0 dB \_\_\_\_\_ ±1.5 dB  
 VSWR  
 DC - 18 GHz \_\_\_\_\_ 1.35:1 Max.  
 18 - 40 GHz \_\_\_\_\_ 1.60:1 Max.  
 40 - 50 GHz \_\_\_\_\_ 1.75:1 Max.  
 Input Power \_\_\_\_\_ 2 Watts Avg. @ +25°C  
 \_\_\_\_\_ DERATED LINEARLY TO 0.75 WATTS @ +55°C  
 Impedance \_\_\_\_\_ 50 Ohms  
 Operating Temp Range \_\_\_\_\_ 0°C to +55°C  
 Storage Temp Range \_\_\_\_\_ -55°C to +85°C

### Mechanical:

1.85mm Connectors \_\_\_\_\_ Passivated Stainless Steel  
 \_\_\_\_\_ Mates with 2.4mm and V\* Connectors  
 Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
 Barrel & Coupling Nut \_\_\_\_\_ Passivated Stainless Steel

\*V is a trademark of Anritsu Corp.

Model Number: **50V-XX**  
 Male / Female



Overall lengths are with coupling nut biased fully forward (installed length).

### HOW TO ORDER:

Model Number: **50V-XX**  
 Freq. Range \_\_\_\_\_  
 50 = DC - 50 GHz \_\_\_\_\_ dB Value

### Ordering Examples:

Model Number: **50V-10**  
 DC - 50 GHz, 10dB, 1.85mm Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.  
 Design, specifications are subject to change without notice. Contact factory for technical specifications before purchasing or use.

50V-ATT: REVA

**AEROFLEX**  
INMET

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