

# DC BLOCKING ATTENUATOR

SMA, 10 MHz - 2 GHz, 200 Volts



## SPECIFICATIONS:

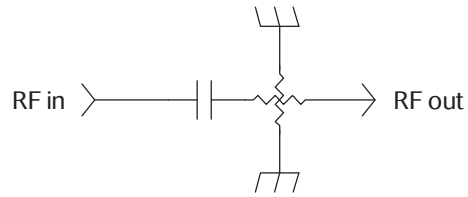
Models: 8516S - XX

### Electrical:

Frequency Range \_\_\_\_\_ 10 MHz - 2 GHz  
Standard dB Values\* \_\_\_\_\_ 0 - 10, 12, & 20 dB  
Accuracy of Attenuation: \_\_\_\_\_ In 1 dB Increments  
1 - 6 dB \_\_\_\_\_  $\pm 0.3$  dB  
7 - 20 dB \_\_\_\_\_  $\pm 0.5$  dB  
VSWR: \_\_\_\_\_ 1.15:1 Max.  
Impedance: \_\_\_\_\_ 50 Ohms  
DC Block Type \_\_\_\_\_ Inner Only  
Voltage Rating \_\_\_\_\_ 200 Volts  
Input Power \_\_\_\_\_ 2 Watts Average  
Operating Temp. Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

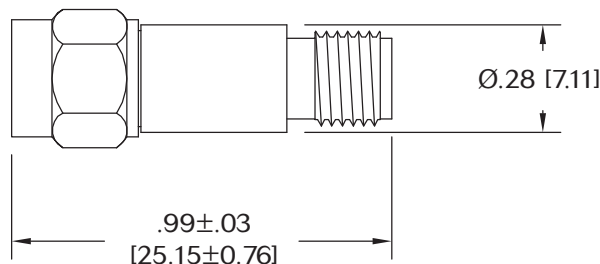
Connectors: \_\_\_\_\_ Passivated Stainless Steel  
Mates with MIL-STD-348  
Conductors: \_\_\_\_\_ Gold Plated Beryllium Copper



Schematic Diagram

Unit is a unidirectional device. Input shall be at male port unless otherwise specified.

Model Number: **8516S-XX**  
Male/Female Connectors



## HOW TO ORDER:

Model Number: 8516S-XX

dB Value

## Ordering Examples:

Model Number: **8516S-20**  
2 GHz; 20 dB; SMA - Male/Fem

Model Number: **8516S-05**  
2 GHz; 5 dB; SMA - 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.

8516S: REV C



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