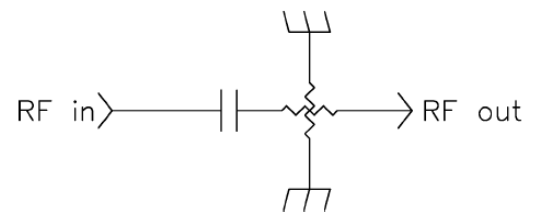


Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	10 MHz – 2 GHz
Standard dB Values	0-10, 12, 15, & 20 dB <i>In 1 dB increments</i>
Attenuation Accuracy	±0.3 dB ±0.5 dB
	1 - 6 dB 7 - 20 dB
VSWR	1.15:1 max.
Input Power	2 Watts Average @ 25°C
Voltage Rating	200 Volts
Impedance	50 Ohms
Operation Temp. Range	-65°C to +125°C
DC Block Type	Inner only

Parameter	Value
<i>Mechanical</i>	
SMA Connectors Mates with MIL-STD-348	Passive Stainless Steel
Conductors	Gold Plated Beryllium Copper

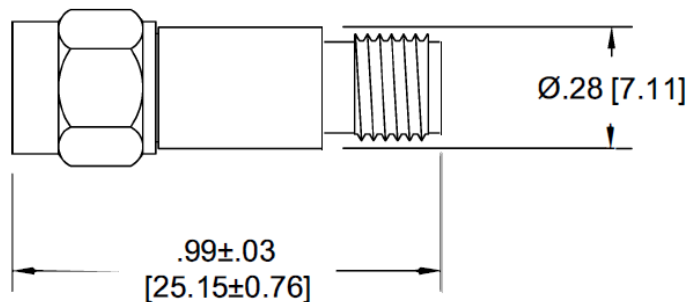


Schematic Diagram

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

Model: 8516S-XX

Male/Female Connectors



How To Order

Model #: **8516S-XX**
 dB Value \swarrow

Order Examples

Model number: 8516S-20
 20 dB, SMA, male/female
 Model number: 8516S-05
 20 dB, SMA, male/female

**Dimensions in brackets are expressed in millimeters and are for reference only.

sales@am.spectrumcontrol.com

Approved for Release: February 2025/Brown

Spectrum Control reserves the right to make changes to datasheets at any time without notice.