

- 0.5 - 2 Watts
- DC - 40.0 GHz
- 0.5 - 60 dB
- Miniature Size
- Flat Response
- Stainless Steel



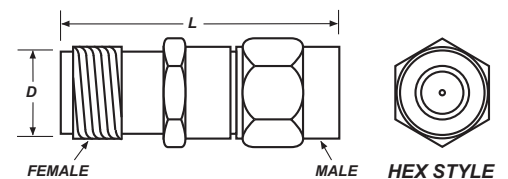
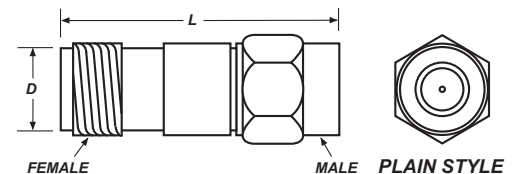
General Specifications	
Impedance	50 ohms
Body: Plain & Hex	Stainless Steel
Connectors	SMA or 2.92mm to MIL-C-39012 Stainless Steel
Temperature Range	-55 +125C
Power Derating	Linear to +125C

Model No	Freq Range (GHz)	Standard Attenuation Values (dB)	Atten Steps (dB)	Attenuation Accuracy (+/- dB)					VSWR (1) max.	Average Power (watts)		Figs	Conn. Type
				0-6 (dB)	7-20 (dB)	21-30 (dB)	31-40 (dB)	41-60 (dB)		25C	125C		
AA02-xx	DC-2.5	0-10, 12, 15, 20, 30	1.0	0.3	0.5	0.75	-	-	1.15	2.0	0.5	1 & 2	SMA
AA06-xx	DC-6.0	0-10, 12, 15, 20, 30	1.0	0.3	0.5	0.75	-	-	1.20	2.0	0.5	1 & 2	SMA
AA06-xxH	DC-6.0	0-12, 15, 20, 30	1.0	0.5	0.5	0.75	-	-	1.20 (2)	2.0	0.5	3	SMA
AA12-xx	DC-12.4	0-10, 12, 15, 20, 30	1.0	0.3	0.5	0.75	-	-	1.25	2.0	0.5	1 & 2	SMA
AA18-xxH	DC-18.0	0-10, 12, 15, 20, 30	1.0	0.3	0.5	0.75	-	-	1.35	2.0	0.5	1 & 2	SMA
AA23-xx	DC-23.0	0-10, 12, 15, 20, 30	1.0	0.4	0.6	0.80	-	-	1.40	2.0	0.5	1 & 2	SMA
AA26-xx	DC-26.5	0, 3, 6, 10, 20, 30	1.0	0.5	0.6	0.80	-	-	1.40	2.0	0.5	4 & 5	2.92mm
AA40-xx	DC-40.0	0, 3, 6, 10, 20, 30	1.0	0.8	1.0	1.00	-	-	1.40	0.5	0.1	6	2.92mm
AB02-xx	DC-2.5	0-10, 12, 15, 20, 30, 40, 50, 60	1.0	0.3	0.5	0.75	1.5	1.5	1.15	2.0	0.5	7 & 8	SMA
AB06-xx	DC-6.0	0-10, 12, 15, 20, 30, 40, 50, 60	1.0	0.3	0.5	0.75	1.5	1.5	1.20	2.0	0.5	7 & 8	SMA
AB12-xx	DC-12.4	0-10, 12, 15, 20, 30, 40, 50, 60	1.0	0.3	0.5	0.75	1.5	1.5	1.25	2.0	0.5	7 & 8	SMA
AB18-xx	DC-18.0	0-10, 12, 15, 20, 30, 40, 50, 60	1.0	0.3	0.5	0.75	1.5	1.5	1.35	2.0	0.5	7 & 8	SMA

FIG	Atten. (dB)	Dimensions inches (mm)		Styles	
		Length L	Diameter D	Plain	Hex
1	0-12	0.86 (21.8)	0.28 (7.1)	Plain	Hex
2	13-30	0.99 (25.1)	0.28 (7.1)	Plain	Hex
3	0-30	0.86 (21.8)	0.28 (7.1)		Hex
4	0-12	0.88 (22.4)	0.28 (7.1)	Plain	Hex
5	13-30	1.01 (25.7)	0.28 (7.1)	Plain	Hex
6	0-30	0.88 (22.4)	0.28 (7.1)	Plain	Hex
7	0-30 & 40	1.21 (30.7)	0.36 (9.1)	Plain	
8	31-60 (except 40)	1.49 (37.8)	0.36 (9.1)	Plain	

#### Notes:

- (1) Max VSWR is shown at highest operating frequency, VSWR is lower at lower frequencies.
- (2) VSWR for AA06-xxH Series is given for 6dB attenuation.
- (3) For complete part number add attenuation value in place of -XX, e.g. AA12-10 for 10dB



Outline is a typical illustration only, for detailed outlines please consult factory

#### Options:

- For Hex version use suffix "H" after model no.
- For single sex versions use suffix "M" (Male) or "F" (Female) after model no.
- Dimensions are for Male/Female connectors. Please ask for size of single sex versions.
- Between connector series attenuators.
- Custom frequency ranges, specifications and configurations are also available.

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.