

Attenuators SMA & 2.92mm

- 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
	AA03-xxBR SMA Gold Plated Brass
Operating Temperature	-55 +125C (AA03-xxBR -40 +80C)
Power Derating:	Linear to +125C

Model No (Note 1)	Freq Range (GHz)	Standard Attenuation Values (dB)	Atten Steps (dB)	Attenuation Accuracy (+/- dB)					VSWR max. (Note 2)	Average Power (watts)		Figs	Conn. Type
				0-6 (dB)	7-20 (dB)	21-30 (dB)	31-40 (dB)	41-60 (dB)		25C	125C		
AA03-xxBR	DC-3.0	1-10, 12, 15, 20	1.0	0.3	0.3	0.5	-	-	1.25	1.0	-	9	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 (0-6dB)	2.0	0.5	3	SMA
									1.25 (7-12dB) 1.30 (15, 20dB) 1.35 (30dB)				
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
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	
9	1-20	0.83 (21)	0.31 (7.8)	Plain	

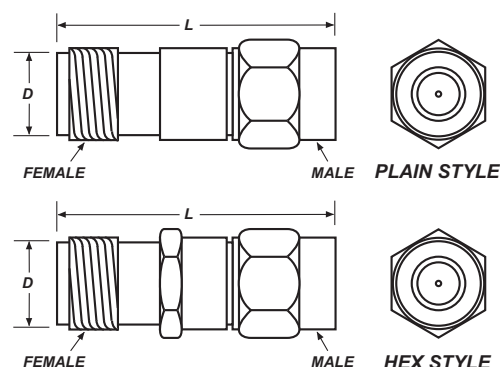
Options:

- 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.

Notes

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



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

Passive Components