

Attenuators

DC-40 GHz

SMA AND 2.9 mm MINIATURE FIXED ATTENUATORS

- Flat Frequency Response
- Low VSWR
- 2 Watt Rating
- Designed to Meet Environmental Requirements of MIL-A-3933
- Precision Stainless Steel SMA Connectors



SPECIFICATIONS

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB			POWER INPUT		VSWR (Max)	WEIGHT (Max)	
		NOMINAL	DEVIATION		AVG. (W) Max	PEAK (kW) Max		Oz.	Gr.
DC-40	4768	3	±0.5	±0.8	2	0.2	1.40	0.25	7.5
		6	±0.5	±0.8	2	0.2	1.40	0.25	7.5
		10	±0.5	±0.8	2	0.2	1.40	0.25	7.5
		20	±0.5	±0.8	2	0.2	1.40	0.25	7.5

ORDERING INFORMATION: Specify model number and add dash number suffix for attenuation in dB.
For example: 4768-10

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SPECIFICATIONS

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB			POWER INPUT		DC-4	VSWR (Max)		WEIGHT (Max)	
		NOMINAL	DEVIATION		AVG (W) Max	PEAK (kW)Max		4-12.4	12.4-18	Oz	Gr
DC-18	4779*	1.0	±0.3	±0.4	2	0.2	1.15	1.30	1.35	0.5	14
		2.0	±0.3	±0.4	2	0.2	1.15	1.30	1.35	0.5	14
		3.0	±0.3	±0.3	2	0.2	1.15	1.30	1.35	0.5	14
		4.0	±0.3	±0.3	2	0.2	1.15	1.30	1.35	0.5	14
		5.0	±0.3	±0.3	2	0.2	1.15	1.30	1.35	0.5	14
		6.0	±0.3	±0.3	2	0.2	1.15	1.30	1.35	0.5	14
		7.0	±0.4	±0.5	2	0.2	1.15	1.30	1.35	0.5	14
		8.0	±0.4	±0.5	2	0.2	1.15	1.30	1.35	0.5	14
		9.0	±0.4	±0.5	2	0.2	1.15	1.30	1.35	0.5	14
		10.0	±0.3	±0.5	2	0.2	1.15	1.30	1.35	0.5	14
		11.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		12.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		13.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		14.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		15.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		16.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		17.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		18.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		19.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		20.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
		23.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14
24.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14		
25.0	±0.5	±0.6	2	0.2	1.15	1.30	1.35	0.5	14		
30.0	±0.8	±1.0	2	0.2	1.15	1.35	1.40	0.5	14		
35.0	±0.8	±1.0	2	0.2	1.15	1.35	1.40	0.5	14		
40.0	±1.2	±1.5	2	0.2	1.15	1.35	1.40	0.5	14		
50.0	±1.2	±1.5	2	0.2	1.15	1.35	1.40	0.5	14		
60.0	±1.2	±1.5	2	0.2	1.15	1.35	1.40	0.5	14		

*NOTE: Standard attenuation values are typically available from stock in the following attenuation values: 3 dB, 6 dB, 10 dB, 20 dB, 30 dB. Non-standard attenuation values available on a custom order basis. Minimum order quantity may apply. Consult factory for details.

ORDERING INFORMATION: Specify model number and add dash number suffix for attenuation in dB. For example: 4779-10

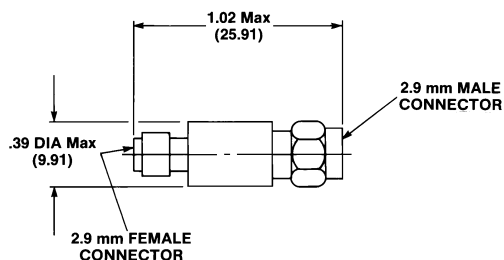
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FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)		WEIGHT (Max)	
		NOMINAL	DEVIATION DC-12.4	AVG. (W)Max	PEAK (kW)Max	DC-4	4-12.4	Oz	Gr
DC-12.4	4778	0	±0.3	2	0.2	1.15	1.30	0.5	14
		3.0	±0.3	2	0.2	1.15	1.30	0.5	14
		6.0	±0.3	2	0.2	1.15	1.30	0.5	14
		10.0	±0.3	2	0.2	1.15	1.30	0.5	14
		20.0	±0.5	2	0.2	1.15	1.30	0.5	14
		30.0	±0.8	2	0.2	1.35	1.35	0.5	14

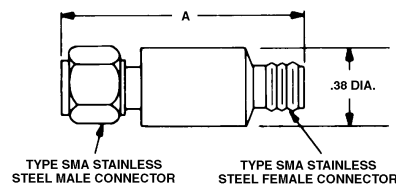
FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)		WEIGHT (Max)	
		NOMINAL	DEVIATION DC-6	AVG. (W)Max	PEAK (kW)Max	DC-4	4-6	Oz	Gr
DC-6	4772	3.0	±0.3	2	0.2	1.25	1.40	0.5	14
		6.0	±0.3	2	0.2	1.25	1.40	0.5	14
		10.0	±0.3	2	0.2	1.25	1.40	0.5	14
		20.0	±0.3	2	0.2	1.25	1.40	0.5	14
		30.0	±0.5	2	0.2	1.25	1.40	0.5	14

ORDERING INFORMATION: Specify model number and add dash number suffix for attenuation in dB.
For example: 4772-10

OUTLINE DRAWINGS



Model 4768



Model No.	A 1-26 dB	A 30-60 dB
4772	1.24	1.49
4778	1.24	1.49
4779	1.24	1.49

All dimensions are Max. unless otherwise specified.

Dimensions in parentheses are in millimeters and for reference only.