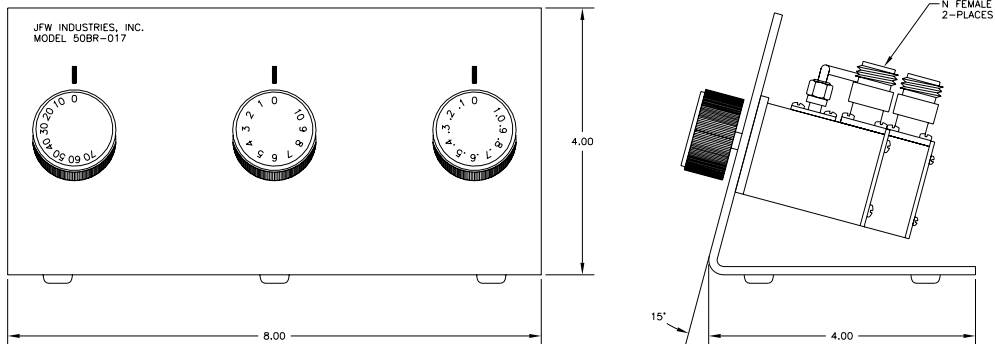


Bench Top Attenuators

Model	Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Insertion Loss
50BR-017	DC-1000 MHz	0-81 dB in .1 dB steps	+/- .02 dB 0-1 dB +/- .1 dB 1-10 dB +/- .2 dB 10-81 dB DC-30 MHz +/- .04 dB 0-1 dB +/- .2 dB 1-10 dB +/- .5 dB 10-81 dB 30-500 MHz +/- .06 dB 0-1 dB +/- .3 dB 1-10 dB +/- .8 dB 10-81 dB 500-1000 MHz	1.1:1 maximum DC-30 MHz 1.3:1 maximum 30-500 MHz 1.5:1 maximum 500-1000 MHz	1.25 dB maximum
50BR-022	DC-1000 MHz	0-111 dB in .1 dB steps	+/- .02 dB 0-1 dB +/- .1 dB 1-10 dB +/- .2 dB or .5% 10-111 dB DC-30 MHz +/- .04 dB 0-1 dB +/- .2 dB 1-10 dB +/- .5 dB or 1% 10-111 dB 30-500 MHz +/- .06 dB 0-1 dB +/- .3 dB 1-10 dB +/- .5 dB or 2% 10-111 dB 500-1000 MHz	1.1:1 maximum DC-30 MHz 1.3:1 maximum 30-500 MHz 1.5:1 maximum 500-1000 MHz	1.25 dB maximum
50BR-042	DC-2200 MHz	0-81 dB in .1 dB steps	+/- .05 dB 0-1 dB +/- .25 dB 1-10 dB +/- .5 dB or 2% 10-81 dB DC-1000 MHz +/- .05 dB 0-1 dB +/- .5 dB 1-10 dB +/- .5 or 3% 10-81 dB 1000-2200 MHz	1.3:1 maximum DC-1000 MHz 1.6:1 maximum 1000-2200 MHz	1.5 dB maximum DC-1000 MHz 2.0 dB maximum 1000-2200 MHz

Common Specifications

Impedance	RF Input Power	Operating Temperature	Standard Rotation	Indexing	RF Connector
50 Ohms	2 Watts average 1000 Watts peak	-20° C to +85° C	Attenuation increases in clockwise direction	30 degrees with stops at minimum and maximum	BNC, N, SMA or TNC female



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