



Rackmount RF Attenuators

When transitioning from benchtop prototyping to high-volume Automated Test Equipment (ATE) environments, form factor is just as critical as RF performance.

AdauraTech's **rackmount programmable RF attenuators** are engineered specifically for seamless integration into standard 19-inch test racks, delivering high-density signal control for complex testing scenarios.

Configurations (100-8000 MHz) (R4 Series)

Model	Channels	Frequency (MHz)	Attenuation Range (dB)	Step Size (dB)	Connectors	Enclosure
AD-USB10AR48G120	10	100 – 8000	0 – 120	0.05 Fine	SMA or N	1U
AD-USB12AR48G120	12	100 – 8000	0 – 120	0.05 Fine	SMA or N	1U
AD-USB16AR48G120	16	100 – 8000	0 – 120	0.05 Fine	SMA or N	1U
AD-USB24AR48G120	24	100 – 8000	0 – 120	0.05 Fine	SMA or N	2U
AD-USB32AR48G120	32	100 – 8000	0 – 120	0.05 Fine	SMA or N	2U
AD-USB48AR48G120	48	100 – 8000	0 – 120	0.05 Fine	SMA or N	3U
AD-USB64AR48G120	64	100 – 8000	0 – 120	0.05 Fine	SMA or N	4U
Custom	1 - 512	100 – 8000	0 – 120	0.05 Fine	SMA or N	Custom

Configurations (50-8000 MHz) (R3 Series)

Model	Channels	Frequency (MHz)	Attenuation Range (dB)	Step Size (dB)	Connectors	Enclosure
AD-USB10AR38G95	10	50 – 8000	0 – 95	0.25	SMA or N	1U
AD-USB12AR38G95	12	50 – 8000	0 – 95	0.25	SMA or N	1U
AD-USB16AR38G95	16	50 – 8000	0 – 95	0.25	SMA or N	1U
AD-USB24AR38G95	24	50 – 8000	0 – 95	0.25	SMA or N	2U
AD-USB32AR38G95	32	50 – 8000	0 – 95	0.25	SMA or N	2U
AD-USB48AR38G95	48	50 – 8000	0 – 95	0.25	SMA or N	3U
AD-USB64AR38G95	64	50 – 8000	0 – 95	0.25	SMA or N	4U
Custom	1 - 512	50 – 8000	0 – 95	0.25	SMA or N	Custom

Configurations (5-6000 MHz) (R3 Series)

Model	Channels	Frequency (MHz)	Attenuation Range (dB)	Step Size (dB)	Connectors	Enclosure
AD-USB10AR36G95	10	5 – 6000	0 – 95	0.25	SMA or N	1U
AD-USB12AR36G95	12	5 – 6000	0 – 95	0.25	SMA or N	1U
AD-USB16AR36G95	16	5 – 6000	0 – 95	0.25	SMA or N	1U
AD-USB24AR36G95	24	5 – 6000	0 – 95	0.25	SMA or N	2U
AD-USB32AR36G95	32	5 – 6000	0 – 95	0.25	SMA or N	2U
AD-USB48AR36G95	48	5 – 6000	0 – 95	0.25	SMA or N	3U
AD-USB64AR36G95	64	5 – 6000	0 – 95	0.25	SMA or N	4U
Custom	1 - 512	5 – 6000	0 – 95	0.25	SMA or N	Custom