

50 OHM SMA MANUAL VARIABLE ATTENUATORS

Model	Frequency Range	Attenuation Range / Steps	Attenuation Accuracy	VSWR Maximum	Insertion Loss
751-023-070	DC - 2.2 GHz	0 - 70 dB in 10 dB steps	+/-0.5 dB	1.50:1	0.6 dB
751-005-080	DC - 2.2 GHz	0 - 80 dB in 1 dB steps	+/-0.5 dB	1.50:1	1.0 dB
751-001-110	DC - 2.3 GHz	0 - 110 dB in 1 dB steps	+/-0.5 dB	1.50:1	1.0 dB
751-006-050	DC - 2.5 GHz	0 - 50 dB in 1 dB steps	+/-0.4 dB	1.50:1	1.0 dB
751-004-070	DC - 2.5 GHz	0 - 70 dB in 10 dB steps	+/-0.5 dB	1.50:1	0.6 dB
751-003-010	DC - 3 GHz	0 - 10 dB in 1 dB steps	+/-0.4 dB	1.40:1	0.4 dB
751-002-030	DC - 3 GHz	0 - 30 dB in 1 dB steps	+/-0.5 dB	1.70:1	1.0 dB

50 OHM N MANUAL VARIABLE ATTENUATORS

Model	Frequency Range	Attenuation Range / Steps	Attenuation Accuracy	VSWR Maximum	Insertion Loss
752-005-080	DC - 2.2 GHz	0 - 80 dB in 1 dB steps	+/-0.5 dB	1.50:1	1.0 dB
752-001-110	DC - 2.3 GHz	0 - 110 dB in 1 dB steps	+/-0.5 dB	1.50:1	1.0 dB
752-006-050	DC - 2.5 GHz	0 - 50 dB in 1 dB steps	+/-0.4 dB	1.50:1	1.0 dB
752-004-070	DC - 2.5 GHz	0 - 70 dB in 10 dB steps	+/-0.5 dB	1.50:1	0.6 dB
752-002-030	DC - 3.0 GHz	0 - 30 dB in 1 dB steps	+/-0.5 dB	1.70:1	1.0 dB

50 OHM SMA PROGRAMMABLE ATTENUATORS

Model	Frequency Range	Attenuation Range / Steps	Attenuation Accuracy	VSWR Maximum	Insertion Loss
651-030-006	DC - 1 GHz	0 - 6 dB (single step)	+/-0.4 dB	1.30:1	0.6 dB at 1 GHz
651-023-031	DC - 1 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.40:1	2.5 dB at 1 GHz
651-023-063	DC - 1 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.40:1	3.0 dB at 1 GHz
651-023-095	DC - 1 GHz	0 - 95 dB in 1 dB steps	+/-0.5 dB	1.40:1	3.5 dB at 1 GHz
651-023-127	DC - 1 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.40:1	4.0 dB at 1 GHz
651-018-031	0.02 - 0.5 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.50:1	2.5 dB at 0.5 GHz
651-018-063	0.02 - 0.5 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.50:1	3.0 dB at 0.5 GHz
651-018-095	0.02 - 0.5 GHz	0 - 95 dB in 1 dB steps	+/-0.5 dB	1.50:1	3.5 dB at 0.5 GHz
651-018-127	0.02 - 0.5 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.50:1	4.0 dB at 0.5 GHz
651-014-031	0.4 - 3.0 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.50:1	4.5 dB at 3.0 GHz
651-014-063	0.4 - 3.0 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.50:1	5.5 dB at 3.0 GHz
651-025-031	0.5 - 2.5 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.40:1	4.0 dB at 2.5 GHz
651-025-063	0.5 - 2.5 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.40:1	5.0 dB at 2.5 GHz
651-025-095	0.5 - 2.5 GHz	0 - 95 dB in 1 dB steps	+/-0.5 dB	1.40:1	5.5 dB at 2.5 GHz
651-025-127	0.5 - 2.5 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.40:1	6.0 dB at 2.5 GHz
651-017-031	0.8 - 2.2 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.40:1	3.0 dB at 2.2 GHz
651-017-063	0.8 - 2.2 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.50:1	3.5 dB at 2.2 GHz
651-017-095	0.8 - 2.2 GHz	0 - 95 dB in 1 dB steps	+/-0.5 dB	1.50:1	4.0 dB at 2.2 GHz
651-017-127	0.8 - 2.2 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.50:1	4.5 dB at 2.2 GHz
651-026-063	DC - 1.0 GHz	0 - 63 dB in 1 dB steps	+/-0.4 dB	1.30:1	2.0 dB at 1.0 GHz
651-028-155	DC - 2.0 GHz	0 - 15.5 dB in 0.5 dB steps	+/-0.4 dB	1.40:1	2.0 dB at 2.0 GHz
651-031-031	DC - 2.2 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.40:1	3.0 dB at 2.2 GHz
651-031-063	DC - 2.2 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.40:1	3.5 dB at 2.2 GHz
651-031-095	DC - 2.2 GHz	0 - 95 dB in 1 dB steps	+/-0.5 dB	1.40:1	4.0 dB at 2.2 GHz
651-031-127	DC - 2.2 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.40:1	4.5 dB at 2.2 GHz

75 OHM BNC PROGRAMMABLE ATTENUATORS

Model	Frequency Range	Attenuation Range / Steps	Attenuation Accuracy	VSWR Maximum	Insertion Loss
674-023-031	DC - 1.0 GHz	0 - 31 dB in 1 dB steps	+/-0.5 dB	1.50:1	1.5 dB at 1.0 GHz
674-023-063	DC - 1.0 GHz	0 - 63 dB in 1 dB steps	+/-0.5 dB	1.50:1	2.0 dB at 1.0 GHz
674-023-127	DC - 1.0 GHz	0 - 127 dB in 1 dB steps	+/-0.5 dB	1.50:1	3.0 dB at 1.0 GHz

Complete specifications and outline drawings are available on our web site or consult the factory.



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