

Attenuator Selection Guide

Model	Description	Frequency Min (GHz)	Frequency Max (GHz)	Dynamic Range (dB)	Insertion Loss Max (dB)	VSWR Loss State Low	VSWR State Any	Switching Speed (Max)	Input Power (Max Operating)	Pos Supply Voltage (+V)	Pos Supply Current (mA)	Neg Supply Voltage (-V)	Neg Supply Current (mA)	Reflective	Absorptive	Control	Microwave Connectors	Hermetic	Comments
AT-104	AT-104 Attenuator, Digital, 31dB, 5-Bit	0.02	2.00	31.00	8.5	1.6:1	1.6:1	20nSec	+20dBm TYP	5.00	5.00	12.00	8.00	X		TTL	Pins		
2694-1001-XY	2694 Series Attenuator Family, Absorptive, Linearized	2	4	45	1.8	1.5:1	2.0:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1002-XY	2694 Series Attenuator Family, Absorptive, Linearized	2	4	60	2.0	1.5:1	2.0:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1003-XY	2694 Series Attenuator Family, Absorptive, Linearized	4	8	45	2.2	1.6:1	2.0:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1004-XY	2694 Series Attenuator Family, Absorptive, Linearized	4	8	60	2.5	1.6:1	2.0:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1005-XY	2694 Series Attenuator Family, Absorptive, Linearized	8	16	45	3.0	2.0:1	2.2:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1006-XY	2694 Series Attenuator Family, Absorptive, Linearized	8	16	60	3.4	2.0:1	2.2:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1007-XY	2694 Series Attenuator Family, Absorptive, Linearized	12	18	45	3.2	2.0:1	2.2:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2694-1008-XY	2694 Series Attenuator Family, Absorptive, Linearized	12	18	60	3.5	2.0:1	2.2:1	600nSec	0.1 W CW	Option: 12,15	125	Option: 12,15	125		X		SMA, Removable	X	
2697-1001	2697 Series Attenuator Family, Miniature, Linearized	2	4	40	1.6	1.5:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1002	2697 Series Attenuator Family, Miniature, Linearized	2	4	60	1.8	1.5:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1003	2697 Series Attenuator Family, Miniature, Linearized	4	8	40	2.0	1.7:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1004	2697 Series Attenuator Family, Miniature, Linearized	4	8	60	2.2	1.7:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1005	2697 Series Attenuator Family, Miniature, Linearized	8	12	40	2.5	1.8:1	1.8:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1006	2697 Series Attenuator Family, Miniature, Linearized	8	12	60	2.8	1.8:1	1.8:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1007	2697 Series Attenuator Family, Miniature, Linearized	8	16	40	3.0	2.0:1	2.2:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1008	2697 Series Attenuator Family, Miniature, Linearized	8	16	60	3.5	2.0:1	2.2:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1009	2697 Series Attenuator Family, Miniature, Linearized	12	18	40	3.2	2.0:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
2697-1010	2697 Series Attenuator Family, Miniature, Linearized	12	18	60	3.7	2.0:1	2.0:1	1.5 µSec	0.1 W CW	Option: 12,15	75	Option: 12,15	25		X		SMA		
Custom p/n will be assigned	Voltage Controlled Attenuator Module Family	0.005	2.00	upto 36	upto 3.3		2.3:1	140µSec	+20dBm	15.00	15.00			X			Options: SMA, TO-8, Surface Mount	X	Wide Band specifications shown. Contact factory for Narrow Band specifications.