

Limiter Selection Guide

Model	Description	Frequency Min (GHz)	Frequency Max (GHz)	Insertion Loss (Max) (dB)	VSWR (Max)	1 dB Compression Point (Min)	Input Power (Max) (CW)	Input Power (Max) (Peak)	Flat Leakage (Max)	Recovery Time (Max)	Spike Leakage (Max)	Connectors	Comments
CCS33060	CCS33060 Limiter, High-Power	C-band	C-band	0.80	1.35:1		180W	600W	17 dBm	5 µSec		Input - JGMS Output - SMA removable	
CCS35740	CCS35740 Limiter, Compact	1.50	4.50	0.70	1.50:1	+5dBm	+30dBm		13 dBm	200 nSec	0.1 ERG	Full Detent SMP	
2969-1001 2969-1002 2969-1003 2969-1004	2969 Series Limiter Family, High Power	0.5 2.0 8.0 2.0	2.0 8.0 18.0 18.0	0.8 1.2 2.0 2.0	1.6:1 1.8:1 1.9:1 2.0:1	+7dBm	12W 14W 10W	250W 200W 200W 250W	150mW 125mW 100mW 100mW	100nSec	0.1 ERG	Pins	
2969-2001 2969-2002 2969-2003 2969-2004	2969 Series Limiter Family, High Power	0.5 2.0 8.0 2.0	2.0 8.0 18.0 18.0	1.1 2.6 2.9 2.0	1.7:1 1.9:1 2.0:1 2.2:1	+7dBm	6W 7W 5W 4W	1500W 1200W 1000W 800W	150mW 125mW 100mW 100mW	200nSec	0.1 ERG	Pins	
2691-1001 2691-1002 2691-1003	2691-1 Series Limiter Family, Broadband	1.0	2.0	0.7 0.8 0.9	1.5:1	+7dBm	1W 2W 3W	100W 500W 1000W	50mW 75mW 100mW	100nSec 250nSec 1000nSec	0.5 ERG	Removable SMA Connectors	
2691-1005 2691-1006 2691-1007	2691-1 Series Limiter Family, Broadband	2.0	8.0	1.2 1.1 1.3	1.6:1	+7dBm	1W 2W 3W	100W 500W 1000W	50mW 75mW 100mW	100nSec 250nSec 1000nSec	0.5 ERG	Removable SMA Connectors	
2691-1009 2691-1010 2691-1011	2691-1 Series Limiter Family, Broadband	8.0	18.0	1.8 2.3 2.0	2.0:1	+7dBm	1W 2W 3W	100W 500W 1000W	50mW 75mW 100mW	100nSec 250nSec 1000nSec	0.5 ERG	Removable SMA Connectors	
2691-1013 2691-1014 2691-1015	2691-1 Series Limiter Family, Broadband	2.0	18.0	2.2 2.0 2.3	2.0:1	+7dBm	1W 2W 3W	100W 500W 1000W	50mW 75mW 100mW	100nSec 250nSec 1000nSec	0.5 ERG	Removable SMA Connectors	
2691-2001 2691-2002 2691-2003 2691-2004	2691-2 Series Limiter Family, Low Frequency	.001 .1 .5 1.0	.1 .5 1.0 2.0	.5 .6 .6 .8	1.3:1 1.3:1 1.4:1 1.5:1	+7dBm	5W		50mW 100mW 100mW 100mW			Removable SMA Connectors	
Custom p/n will be assigned	Thin Film Limiter Module Family	0.005	3	4.5	2.1:1	-1.0dBm @ +20V -12.0dBm @ +5V	+20 dBm	1 W	4.5dBm upto 2GHz 7.0dBm upto 3GHz			SMA Connectorized, TO-8 and Surface Mount	Wide Band specifications shown. Contact factory for Narrow Band specifications