

Limiters

FEATURES:

- ❖ Coverage From 0.1 to 65.0 GHz (Octave/Multioctave)
- ❖ Up to 2 Watt CW and 150W Peak (1 µsec) Power Handling Capability
- ❖ Fast Response and Short Recovery Time (10 to 20 µsec typical)
- ❖ Compact/Rugged Thin-Film Construction
- ❖ Economically Priced

APPLICATIONS:

- ❖ Test Set Up
- ❖ Receiver Protection
- ❖ Power Levelling

DESCRIPTION:

Cernex's CLM series limiters are designed for use in a wide range of general purpose applications such as laboratory test equipment, instrumentation and other applications. Reliable operation is achieved using rugged stripline circuit construction.

SPECIFICATIONS:



CLM Series

Model Number	Frequency Range (GHz)	Insertion Loss (dB) Typ.	VSWR Max	Typ LIM Threshold (dBm)	Max Leakage @ 1W CW Input (dBm)	Connectors	Case Type
CLMK10610	10KHz-6GHz	1.0	1.5:1	6	16.5@6.6GHz	SMA-M/SMA-F	HN1D-1
CLMK11213	10KHz-12GHz	1.3	1.6:1	6	15@12GHz	SMA-M/SMA-F	HN1D-1
CLMK11815	10KHz-18GHz	1.5	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLMK12618	10KHz-26GHz	1.8	2.0:1	6	13@26GHz	SMA-M/SMA-F	HN1D-1
CLMK14020	10KHz-40GHz	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLMH10610	0.001-6.0	1.0	1.5:1	6	16.5@6GHz	SMA-M/SMA-F	HN1D-1
CLMH11213	0.001-12.0	1.3	1.6:1	6	15@12GHz	SMA-M/SMA-F	HN1D-1
CLMH1815	0.001-18.0	1.5	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLMH12618	0.001-26.5	1.8	2.0:1	6	13@26.5GHz	SMA-M/SMA-F	HN1D-1
CLMH14020	0.001-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLMV10610	0.01-6.0	1.0	1.5:1	6	16.5@6GHz	SMA-M/SMA-F	HN1D-1
CLMV11213	0.01-12.0	1.3	1.6:1	6	15@12GHz	SMA-M/SMA-F	HN1D-1
CLMV11815	0.01-18.0	1.5	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLMV12618	0.01-26.5	1.8	2.0:1	6	13@26.5GHz	SMA-M/SMA-F	HN1D-1
CLMV14020	0.01-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLMU10610	0.1-6.0	1.0	1.5:1	6	16.5@6GHz	SMA-M/SMA-F	HN1D-1
CLMU11213	0.1-12.0	1.3	1.6:1	6	15@12GHz	SMA-M/SMA-F	HN1D-1
CLMU11815	0.1-18.0	1.5	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1



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CLMU12618	0.1-26.5	1.8	2.0:1	6	13@26.5GHz	SMA-M/SMA-F	HN1D-1
CLMU14020	0.1-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLMU50610	0.5-6.0	1.0	1.5:1	6	16.5@6GHz	SMA-M/SMA-F	HN1D-1
CLMU51213	0.5-12.0	1.3	1.6:1	6	15@12GHz	SMA-M/SMA-F	HN1D-1
CLMU51815	0.5-18.0	1.5	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLMU52618	0.5-26.0	1.8	2.0:1	6	13@26.5GHz	SMA-M/SMA-F	HN1D-1
CLMU54020	0.5-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLM020810	2.0-8.0	1.0	1.6:1	6	15@8GHz	SMA-M/SMA-F	HN1D-1
CLM021818	2.0-18.0	1.8	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLM061818	6.0-18.0	1.8	2.0:1	6	14@18GHz	SMA-M/SMA-F	HN1D-1
CLM182618	18.0-26.5	1.8	2.0:1	6	13@26.5GHz	SMA-M/SMA-F	HN1D-1
CLM184020	18.0-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1
CLM264020	26.5-40.0	2.0	2.0:1	6	12.75@40GHz	2.92-M/2.92-F	HN1D-1

*CONSULT THE FACTORY.

** @ MID BAND FREQUENCY

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