

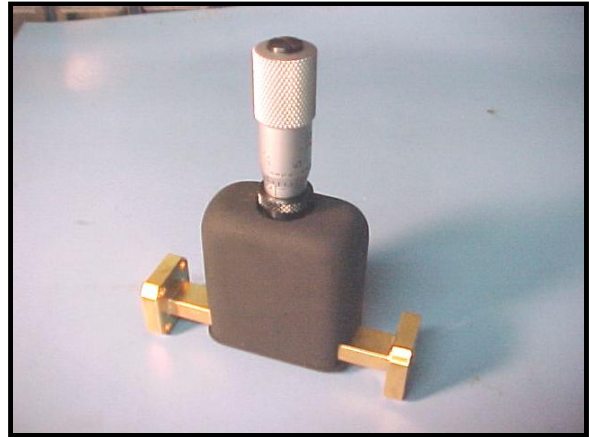
## Micrometer-Driven Calibrated Attenuators

### FEATURES:

- ❖ High Resolution
- ❖ Micrometer Readout
- ❖ Differential Screw Drive
- ❖ Anti-Backlash Operation
- ❖ Excellent Mechanical Stability
- ❖ Calibration Accuracy: 0.2 dB or 2%
- ❖ Calibration Curve Provided at Specified Frequency

### APPLICATIONS:

- ❖ Test equipment
- ❖ Subsystems
- ❖ Prototypes



**CMC Series**

### DESCRIPTION:

Cernexwave's **CMA** series micrometer-driven calibrated attenuators are compact precision attenuating devices available in standard waveguide sizes from 90.0 to 220 GHz. Each attenuator is calibrated at the frequency specified at the time of order, and a curve of attenuation vs. dial-reading is included with every unit. Calibration curves at other frequencies are also available.

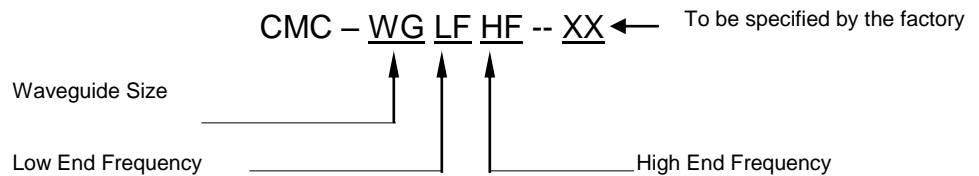
### SPECIFICATIONS:

Waveguide Band	W	F	D	G
Waveguide Size	WR-10	WR-8	WR-6	WR-5
Frequency Range (GHz)	75 to 110	90 to 140	110 to 170	140 to 220
Calibration Accuracy	0.2 dB – 2%	0.2 dB – 2%	0.2 dB – 2%	0.2 dB – 2%
Attenuation Range	0 dB to 25 dB	0 dB to 25 dB	0 dB to 25 dB	0 dB to 25 dB
VSWR	1.25	1.25	1.25	1.25
Insertion Loss	0.3 dB	0.4 dB	0.5 dB	0.7dB
Average (W) Avg.	0.5	0.3	0.2	0.1

**Note:** Full attenuation range may not be available for all G-band frequencies.

### HOW TO ORDER:

Specify Model Number



**Example:** To order WR-7 waveguide attenuator, specify CMA-7110170-XX.

CERNEXWAVE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE