

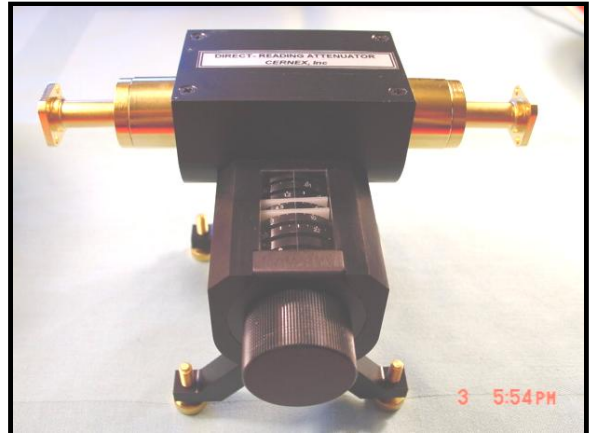
## Direct Reading Frequency Meters

### FEATURES:

- ❖ Full Band
- ❖ Direct Reading
- ❖ High Resolution
- ❖ Anti-Backlash Drive

### APPLICATIONS:

- ❖ Test Setup



### DESCRIPTION:

### CDM Series

Cernex's CDM series direct reading frequency meters are available in standard waveguide sizes from 18.0 to 110.0 GHz and are designed to provide easy direct readout of frequency with a high degree of resolution and accuracy.

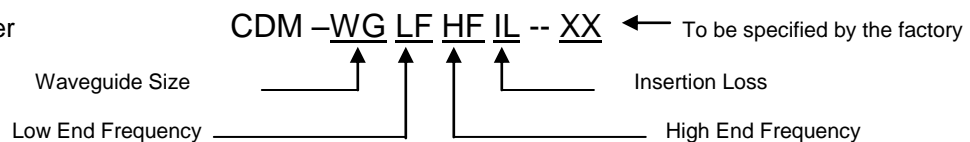
### SPECIFICATIONS:

Waveguide Band	K	Ka	Q	U	V	E	W	F	D
Waveguide Size	WR-42	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10	WR-8	WR-7
Frequency Range (GHz)	18 to 26.5	26.5 to 40	33 to 50	40 to 60	50 to 75	60 to 90	75 to 110	90-140	110-160
Absolute Accuracy (%)	0.11	0.12	0.12	0.20	0.20	0.20	0.20	0.4	0.5
Resonance Dip (dB)	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	1.0-3.0	0.5-1.0	1.5-3.5	0.3-1.0	0.3-1.0
VSWR <sup>1</sup> Max.	1.10	1.15	1.15	1.15	1.20	1.20	1.20	1.20	1.20
Insertion Loss (dB) Nom.	0.25	0.30	0.40	0.50	0.60	0.70	1.00	1.5	2.0
Scale Divisions (MHz) Min.	10	10	10	20	20	20	20	20	20
Scale Length (in)	74.0	76.0	78.0	78.5	77.0	75.0	58.0	-	-

**Notes:** 1. Off Resonance

### HOW TO ORDER:

Specify Model Number



**Example:** To order WR-15 direct reading frequency meter with an insertion loss of 0.5db, specify CDM15507505-XX

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE