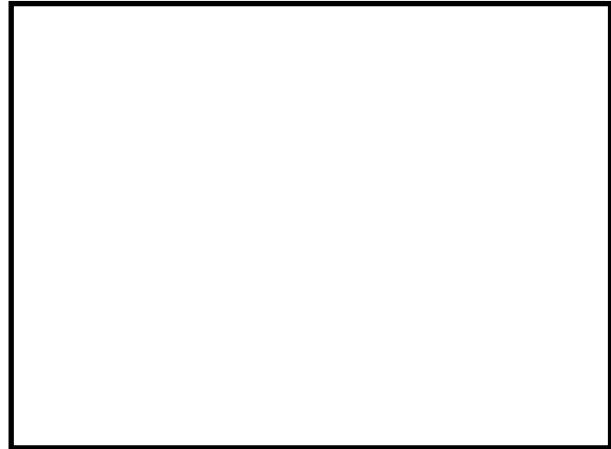




Adjustable Waveguide Short Circuits

FEATURES:

- ❖ Full Waveguide Coverage
- ❖ Non-Contacting Choke Type Short
- ❖ Precision Micrometer Tuning and Readout
- ❖ Minimum Travel of One-Half Wavelength at Lowest Operating Frequency



DESCRIPTION:

CAS Series

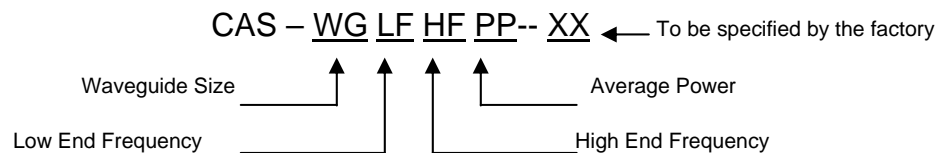
Cernex's CAS series waveguide short circuits are available in standard waveguide sizes from 12.4 to 220 GHz. The non-contacting choke type short circuit is designed to operate with high electrical stability over a broad range of frequencies. The micrometer drive provides smooth, accurate positional tuning over the entire distance traveled and a positive locking device ensures continued setting.

SPECIFICATIONS:

Waveguide Band	Ku	K	Ka	Q	U	V	E	W	F	D	G
Waveguide Size	WR-62	WR-42	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10	WR-8	WR-7	WR-5
Frequency Range (GHz)	12.4 to 18.0	18.0 to 26.5	26.5 to 40.0	33.0 to 50.0	40.0 to 60.0	50.0 to 75.0	60.0 to 90.0	75.0 to 110.0	90.0 to 140.0	110.0 to 170.0	140.0 to 220.0
Average Power (Watts)	1.0	1.0	1.0	0.7	0.3	0.3	0.3	0.2	0.1	0.1	0.1

HOW TO ORDER:

Specify Model Number



Example: To order WR-15 adjustable waveguide short circuit with a frequency band of 50-75GHz, and an average power of 25dbm, specify CAS-15507525-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE