

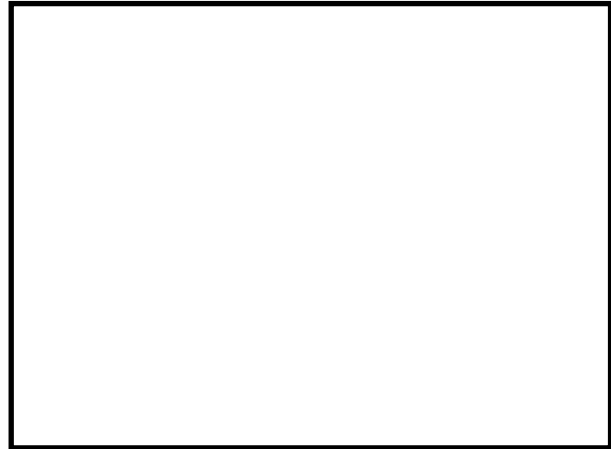
Sliding Matched Terminations

FEATURES:

- ❖ Low VSWR
- ❖ Precision Adjustment

APPLICATIONS:

- ❖ Test setup
- ❖ Directivity Measurement



CST Series

DESCRIPTION:

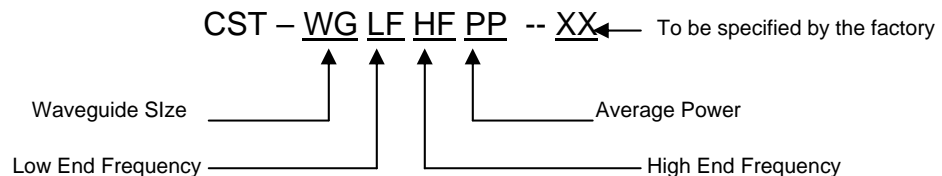
Cernex's CST series sliding matched load consists of a precision-tapered waveguide load coupled to a micrometer drive. The load is machined to precise tolerances to permit the close fit necessary for sliding without binding.

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 to 26.5	26.5 to 40	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
VSWR Max.	1.05	1.05	1.05	1.05	1.05	1.06	1.06	1.08	1.08	1.08	1.10
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 sliding matched terminations with a frequency band of 50-75Ghz, and an average power of 25dbm , specify CST-15507525-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE