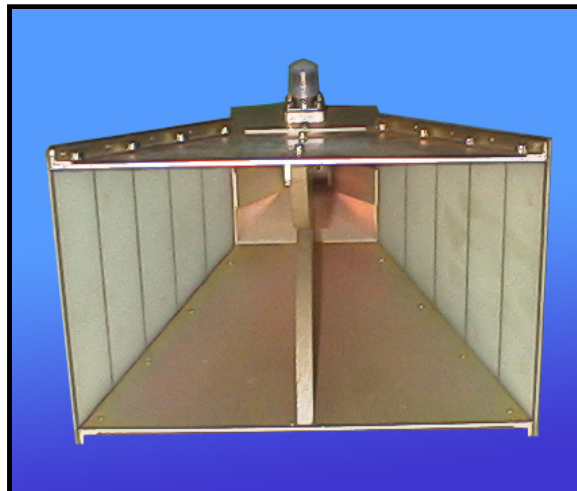


Double-Ridged Horn Antennas

FEATURES:

- ❖ Frequency Range: 0.5-40GHz
- ❖ High Dynamic Range
- ❖ Compact Size
- ❖ Good Linearity
- ❖ Precision, Reliability and Repeatability
- ❖ Economically Priced



CRAD Series

DESCRIPTION:

SPECIFICATIONS:

Model Number	Frequency Range (GHz)	Gain (dBi) Typ	Beam width Ratio H-Plane E-Plane	Beam width E-Plane H-Plane	Power Handling (W)	VSWR	RF Input Connector	Operate Temp.
CRADU40610	0.4-6	10 (4-12 dB)	*	*	*	<2.8:1	*	*
CRADU50210	0.5-2	10	*	*	300W	2.5:1	N-F	-30°C - +70°C
CRAD010213	1-2	13	*	*	2.5kW	1.5:1	7/16 DIN-Female	*
CRAD010218	1-2	18	*	*	2.5kW	1.5:1	7/16 DIN-Female	*
CRAD011811	1-18	11	*	E: 54° H: 49°	*	2.5:1	SMA-F	-30°C - +70°C
CRAD020813	2-8	>=10 @2GHz >=12 @5GHz >=13 @8GHz	2:1	E: 40°±3° @2GHz E: 45°±3° @5GHz H: 90°±5° @5GHz E: 40°±3° @8GHz	300 @8GHz	2.5:1	N-F	-30°C - +70°C
CRAD020718	2.5-7.5	18	*	*	2.5kW	1.5:1	WRD250 D30	*
CRAD071813	7.5-18	>=10 @7.5GHz >=12 @12GHz >=13 @18GHz	2:1	E: 40°±3° @7.5GHz E: 45°±3° @15GHz H: 90°±5° @15GHz E: 40°±3° @18GHz	300 @18GHz	2:1	WRD750 D24	-20°C - +60°C
CRAD071818	7.5-18	18	*	*	2.5kW	1.5:1	WRD750 D24	*



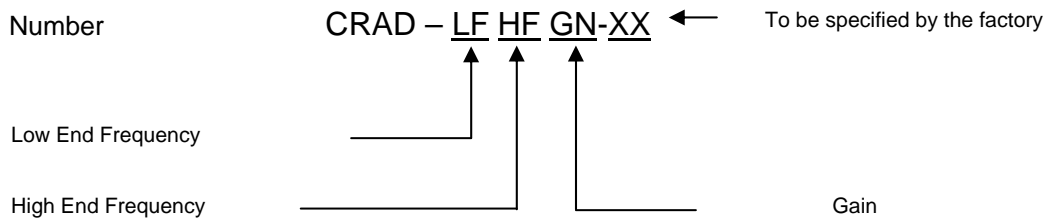
Double-Ridged Horn Antenna

Model Number	Frequency Range (GHz)	Gain (dBi) Typ	Beam width Ratio H-Plane E-Plane	Beam width E-Plane H-Plane	Power Handling (W)	VSWR	RF Input Connector	Operate Temp.
CRAD184012	18-40	12	*	E: 17-44° H: 18-33°	*	2.5	K-F	*

OTHER FREQUENCIES ARE ALSO AVAILABLE.
*CONSULT THE FACTORY

HOW TO ORDER:

Specify Model Number



Example: To order a double-ridged horn antenna with frequency range 1-18 GHz with 11 dBi gain, specify CRAD011811-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE