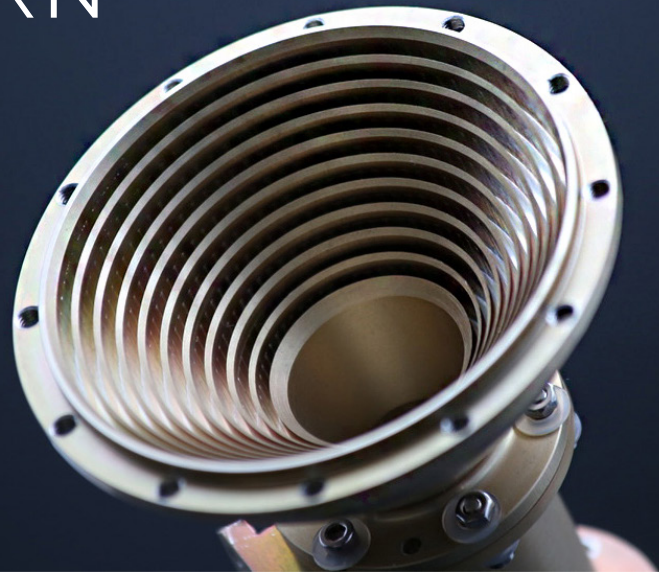


BEAMSAT[®]

KU-BAND HORN ANTENNA



HIGH-GAIN ANTENNA (HGA)
COST-EFFECTIVE, FULL DUPLEX,
OPERATING IN KU-BAND

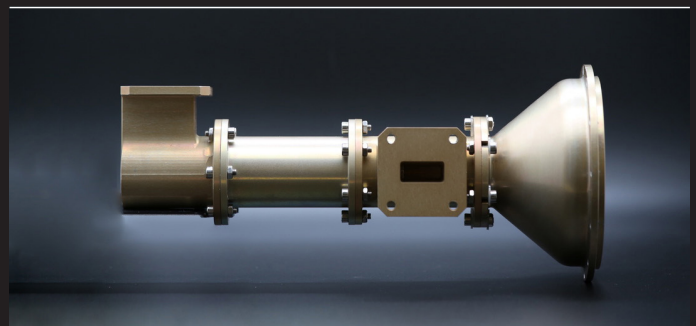
OVERVIEW

To ensure a high data rate of small satellites, a wide frequency band is required. BEAMSAT is a horn antenna available in two different bands, Ka-band and Ku-band.

With a volume of 2 U (20 x 10 x 10 cm) BEAMSAT offers excellent matching and sufficient gain to cover missions both in GEO and LEO orbits.

APPLICATIONS

- LEO small satellite services
- GEO satellites services
- FSS telecommunications
- Satellite Communications-on-the-Move
- HTS Terminals



MAIN PARAMETERS

TX	10.7 GHz	12.75 GHz
GAIN	15.7	16.2
RETURN LOSS	-15.0 dB	-15.0 dB
INSULATION	<-80dB	<-50 dB
RX	13 GHz	14.8 GHz
GAIN	16.2 dB	16.1 dB
RETURN LOSS	-15.0 dB	-17.0 dB

MASS	633g
POLARISATION	LINEAR
VOLUME (BOUNDING BOX)	(109.1x109.1x205.3)mm
MECHANICAL/RF INTERFACE TX	WR75 to SMA
MECHANICAL/RF INTERFACE RX	WR75 to SMA

