



Description

Mi-Wave's 262 Series Conical horns are fabricated with very close tolerances to ensure the precision of every horn manufactured by Mi-Wave. Each unit is supplied with a short section of circular waveguide supplied with a short section of circular waveguide and terminated in a standard round flange.

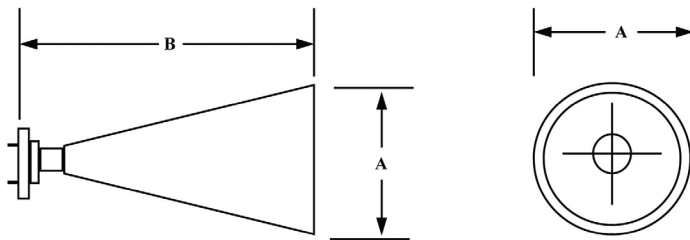
- Available from 12.4 to 325 GHz
- Nominal Gain of 10, 15, 20, and 25 dBi
- Made with Precise Dimensional Tolerance Control
- Gain Calibration is accurate to 0.5 dB over operating bandwidth.

Conical horns can be used to experimentally determine the gain of other antennas by using the substitution method. The conical horn and the antenna under test are alternately connected to a well-matched detector system in order to compare their relative power levels. The power level difference is then added to the appropriate level of the calibration curve to determine the absolute gain of the antenna under test.

Conical horns are also useful as power monitors in radars transmitter test, known-gain radiators in field propagation studies, and transmitting or receiving antennas in test bench applications.

PLEASE NOTE:

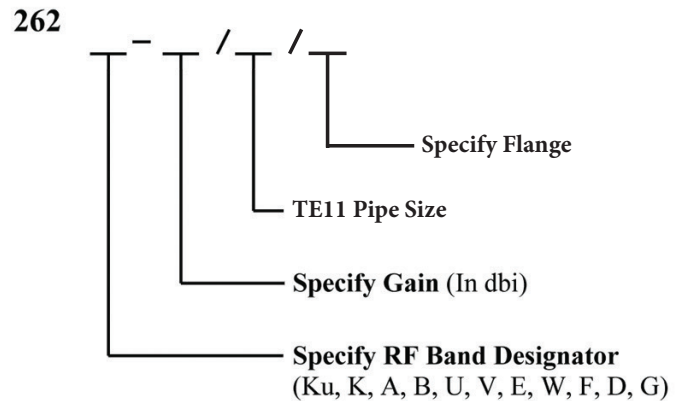
- 10, 15, 20 and 25dB models are available in all bands. Custom sizes also available.
- Gain calibration is an optional feature.



NOTE:

Due to wide variety of circular waveguide sizes and gain options, Consult Mi-Wave for dimensions.

Ordering Information



ORDER EXAMPLE:

Model number 262W-25/.094/387 is a conical horn operating in W-band with a 25dB gain and 0.094 circular waveguide.