

## Description

Mi-Wave's 268 Series Scalar feed horn has been designed to be used in lens illumination such as scalar lens antennas and Cassegrain antennas. Low sidelobes are inherent in this type of feed.

- *Low VWSR*
- *Wide Bandwidths*
- *Narrow Beamwidths*
- *Polarization Insensitive*

Please consult Mi-Wave for other available gain and beamwidths.

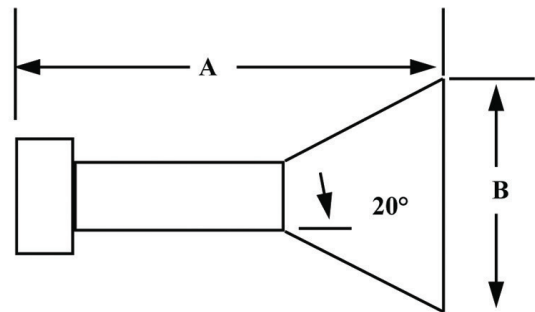
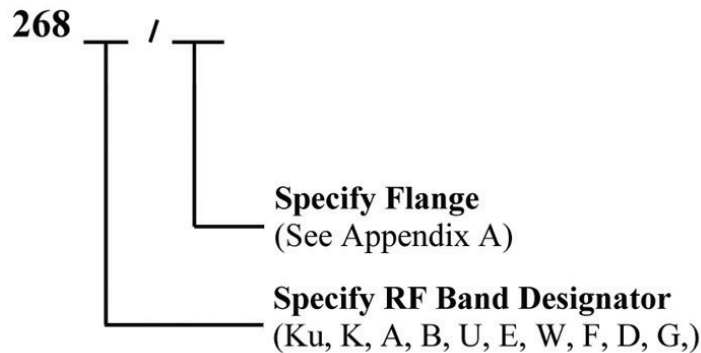
## Applications

Feeds for Scalar Lens and Cassegrain Antennas



Typical Electrical Specifications	
<b>Beamwidth (3 dB)</b>	E-Plane 22 Deg. H-Plane 26 Deg.
<b>SideLobes</b>	E-Plane -25dB H-Plane -25dB
<b>Bandwidth</b>	35%

## Ordering Information



### NOTE:

- 263 Series Feed Horns are normally supplied with a standard circular waveguide. Rectangular waveguide is also available.
- Consult factory for current outline drawing.

### ORDER EXAMPLE:

Model number 268A is a scalar feed horn operating in A-band at 35 GHz with a circular polarization capability.