268 Series
Wide Scalar Feed Horns

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.

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

Applications
Feeds for Scalar Lens and Cassegrain Antennas

Typical Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>E-Plane</th>
<th>H-Plane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beamwidth (3 dB)</td>
<td>22 Deg.</td>
<td>26 Deg.</td>
</tr>
<tr>
<td>SideLobes</td>
<td>-25 dB</td>
<td>-25 dB</td>
</tr>
<tr>
<td>Bandwidth</td>
<td>35%</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

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

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

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