

268 Series

Scalar Feed Horns



Features

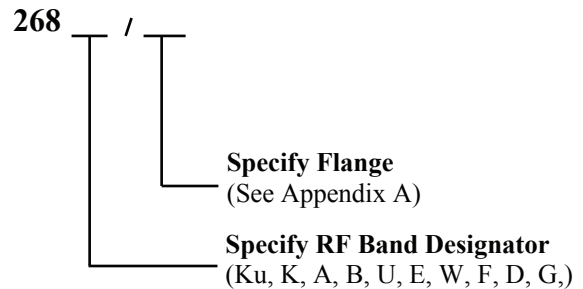
- Low VWSR
- Wide Bandwidths
- Narrow Beamwidths
- Polarization Insensitive

Description 268 Series Scalar Feed Horns

Mi-Wave' 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 beamwidths.

Ordering Information



Applications

Feeds for Scalar Lens and Cassegrain Antennas

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

Mi-Wave

Millimeter Wave Products Inc.

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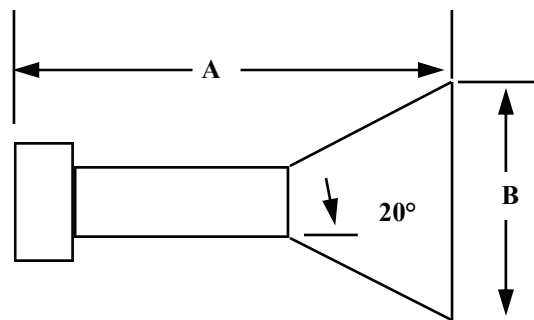
E: sales@miwv.com

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Typical Electrical Specifications

Beamwidth (3dB)	E-Plane 22 Deg. H-Plane 26 Deg.
Sidelobes	E-Plane -25dB H-Plane -25dB
Bandwidth	35 %



Specifications

Model Number	Frequency Band (GHz)	EIA-WG Designation	A		B	
			in	mm	in	mm
268	12.4 - 18.0	WR62	5.00	127.0	3.12	79.3
268	18.0 - 26.5	WR42	3.50	88.9	2.15	54.6
268	26.5 - 40.0	WR28	2.75	69.9	1.52	38.6
268	33.0 - 50.0	WR22	2.50	63.5	1.25	31.8
268	40.0 - 60.0	WR19	2.25	57.2	1.12	28.5
268	50.0 - 75.0	WR15	1.75	44.5	0.88	22.4
268	60.0 - 90.0	WR12	1.62	41.2	0.75	19.0
268	75.0 -100.0	WR10	1.50	38.1	0.62	15.8
268	90.0 -140.0	WR8	_____			

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