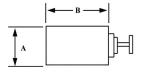






Outline of 6, 9, 12"

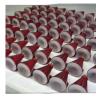




PLEASE NOTE:

· Final dimensions are subject to variations from the tabulated date due to tuning, focusing, and mechanical tolerances.

Production Capabilities



From small orders to high volume projects, we can accommodate all your volume production needs. Call us for more information.

Picture left:

77 GHz Telecommunications volume order example.

Typical Electrical Specifications				
Frequency	12.4 to 140 GHz			
Sizes	3, 6, 9, 12			
Sidelobes	25dB (typical)			
VSWR	1.2:1 (typical)			
Cross Polarization	25dB (typical)			

Description

Mi-Wave's 258 Series horn lens antenna consists of a circular scalar feed horn illuminating a pianoconvex lens. Housed in either aluminum or plastic, these horn lens antennas provide a high efficiency beam with equal E and H plane amplitude patterns.

- Low Cost
- High Directivity and Gain
- Simple Mechanical **Performance**
- Wide Range of Available Beamwidths and Reflector Sizes

The 258 Series antennas are available from 8 to 170 GHz in standard sizes of 3, 6, 9, and 12 inch lens apertures. Other custom sizes and configurations are available, please consult Mi-Wave for further information.

Applications

Radars, Radioastronomy, Surveillance Equipment, and Communication Systems

Dimensional Specifications						
Model No.	Effective Diameter	A		В		
	in.	in.	mm	in.	mm	
258KU	12	14.0	356	21.0	533	
258K	9	11.0	276	15.7	399	
258K	12	14.0	356	19.5	495	
258A	3	4.1	104	8.30	210	
258A	6	7.6	193	11.1	282	
258A	9	11.0	276	14.0	356	
258A	12	14.0	356	18.2	462	
258B, U	3	4.1	104	8.3	210	
258B, U	6	7.6	193	10.6	269	
258B, U	9	11.0	279	14.0	356	
258B, U	12	14.0	356	17.7	450	
258V, E, W	3	4.2	107	6.0	152	
258V, E, W	6	7.6	193	9.6	244	
258V, E, W	9	11.0	279	13.0	330	
258V, E, W	12	14.0	356	16.7	424	

Consult for current outline diemensions

Ordering Information

