

Description

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

Notes

S/N: NA

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	28 GHz		40 GHz
Gain		33 dB	
Beamwidth		3°	
Sidelobes		15 dBc	
VSWR		1.5:1	

Physical Specifications

Antenna Port	0.250" Circular Waveguide Diameter, UG-599/U Flange
Housing Material	HDPE
Lens Material	Rexolite
Lens Diameter	9 inches

Tested by: NA

Date: 2022-06-08

