

# L638MDS11C

617-960 / 1710-2700/3300-3800 MHz 7/8/9dBi MIMO Log Periodic Antenna

## Electrical Specifications

Frequency Range (MHz)	617-960	1710-2700	3300-3800
Horizontal Half-power Beamwidth (°)	75	65	60
Vertical Half-power Beamwidth (°)	60	55	50
Gain (dBi)	7	8	9
Polarization	Vertical & Horizontal / $\pm 45^\circ$		
Front to Back Ratio (dB)	$\geq 15$	$\geq 15$	$\geq 16$
VSWR	$\leq 2.5$	$\leq 2.0$	$\leq 2.0$
Average Power, Maximum (W)	20		
Impedance ( $\Omega$ )	50		



## Mechanical Specifications

Dimensions (mm)	460×260×260
Packing Dimension (cm)	60×24×24 (10pcs/carton)
Net Weight (kg)	1.5 (installation kit included)
Cable Length (cm)	30
Connector	N Female

## Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (m/s)	60

## Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	$\Phi$ 40 to 50
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CELLULAR ANTENNAS  
Outdoor Directional