



Description:

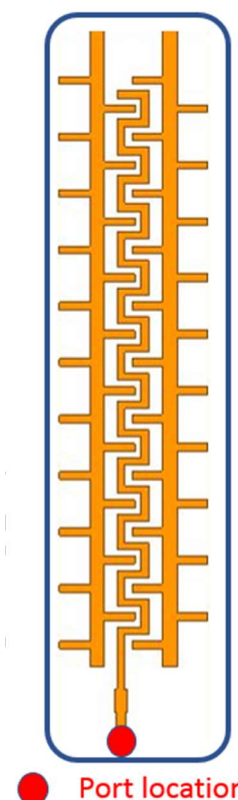
Model CUBT76500SS110G02 is a microstrip antenna that operate from 76 GHz to 77 GHz. The antenna offers 12.65 dB nominal gain, a typical half power beamwidth of 13.3 degrees on E-plane and 127.9 degrees on H-plane at 76.5 GHz. This antenna supports linear polarized waveforms.

Features:

- High Gain
- Linear Polarization

Applications:

- Automotive Radar



Electrical Specifications:

Parameters	Minimum	Typical	Maximum
Frequency		76.5GHz	
Gain		12.65dB	
Polarization	Linear		
3 dB Beamwidth, E-plane		13.3 deg	
3 dB Beamwidth, H-plane		127.9 deg	
Side Lobe, E-plane		13.22 dB	
Side Lobe, H-plane			
Return Loss		-28.84dB	

Mechanical Specifications:

Item	Specification
RF-Material	TSM-DS3B (5mil)(DK:2.95)(DF:0.001)
Size	19.51 mm(L) ×4 mm(W) × 0.03556 mm(T)