

X-band specification:

Parameter	Units	Minimum	Typical	Maximum
Frequency	GHz	9.6		9.8
Gain	dBi	27		
Polarization		Linear, Vertical		
3 dB Beamwidth, Vertical	deg		16	
3 dB Beamwidth, Horizontal	deg		2	
Side Lobe Level	dB			-15
Return Loss	dB	13		
Specification Temperature	deg C		25	
Operating Temperature	deg C	-40		85
RF Connector	N female			

Ka-band specification:

Parameter	Units	Minimum	Typical	Maximum
Frequency	GHz	34.75		35.25
Gain	dBi	27		
Polarization		Linear, Vertical		
3 dB Beamwidth, Vertical	deg		16	
3 dB Beamwidth, Horizontal	deg		2	
Side Lobe Level	dB			-15
Return Loss	dB	13		
Specification Temperature	deg C		25	
Operating Temperature	deg C	-40		85
RF Connector	WR-28 Waveguide, UG-599/U Flange			