

# ANT Series

Innovative, High quality, Best price

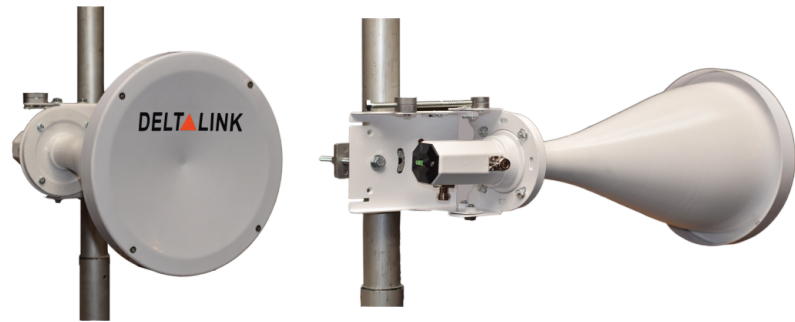


## ANT-HR5522N

Dual Polarity High Performance Horn  
4.8 - 6.4 GHz, 22 dBi

### Features:

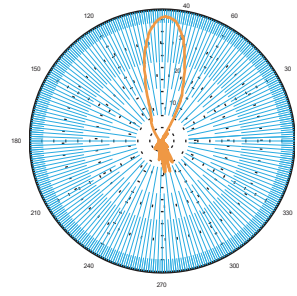
- Wide Band Operation
- Vertically and Horizontally Polarized
- Best Solution for **Noisy** Environments



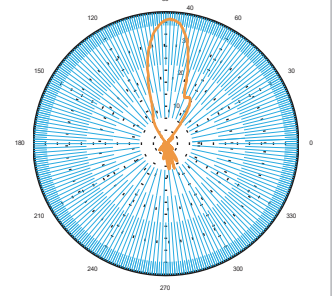
### Electrical Specification

Frequency Range:	4800 - 6400 MHz
Gain:	22 (typ) dBi
3dB Beamwidth:	15.0°(typ)
VSWR:	1.3:1(typ)
Impedance:	50 Ohms
Input Power:	100 W
Connector:	2 x N-Female
Sidelobes:	ETSI EN 302.326-3 DN1-DN5
Front to Back Ratio:	32 dB
Cross Polarization:	25 dB (max), 30 (typ)
Port to Port Isolation:	32 dB (max), 45 (typ)

5.5 Ghz E-Plane and H of E-plane



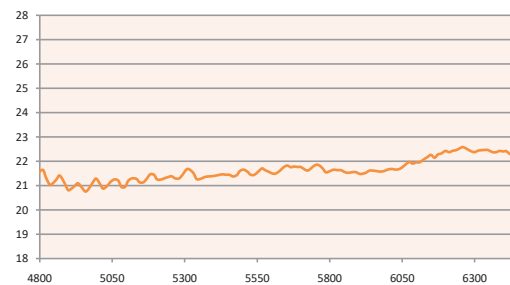
5.5 Ghz H-Plane and E of H-plane



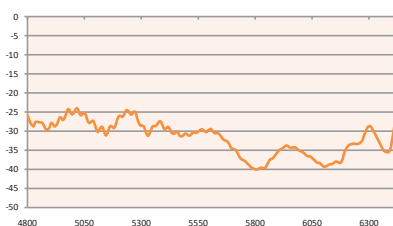
### Mechanical Specification

Size/Diameter:	250 mm
Weight(incl. bracket)	2.5 Kg
Wind Loading(Operating):	160 Km/h
Wind Loading(Survival):	230 Km/h
Operating Temperature:	-50°C to 70°C
Mounting Kit/Style:	Included: Pole Mount
Pole Diameter:	25-60 mm
Additional Features:	Accurate Pan & Tilt alignment

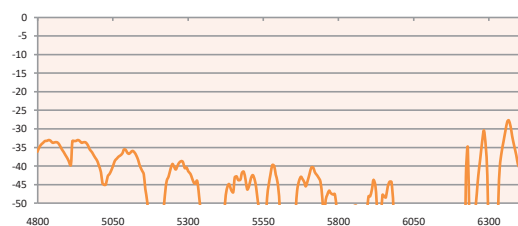
Antenna Gain 4800-6400 MHz



Antenna Cross Polarity 4800-6400 MHz



Antenna Port to Port Isolation 4800-6400 MHz



Antenna VSWR 4800-6400 MHz

