

# WADE ANTENNA LTD.

## H2058 5.8 GHz Helical Antenna

### Description

The Wade model H2058 is a circular polarized antenna, available in right-turn or left-turn helix. The antenna is enclosed with a plastic radome for protection from the environment. The antenna can be mounted to a mast. Wall and ceiling mounts are also available as an accessory (CM-1).

This antenna is ideally suited to harsh environments that have severe reflections from metal surfaces and water.

### Application

Wi-Fi Mesh, WiMax, ISM, VOiP, tunnels, mining applications, elevator shafts, video surveillance, downtown corridors, parking lots, wireless security cameras, warehousing.

### SPECIFICATIONS:

ELECTRICAL	
Frequency	5.8 GHz
Gain	18 dBi
Impedance	50 Ohm
VSWR	1:1.5
F/B Ratio	>20 dB
Polarization	RHCP standard
HPBW "E" plane	19 degrees
HPBW "H" plane	20 degrees
Terminal Type	N female
Maximum Input Power	50 watts

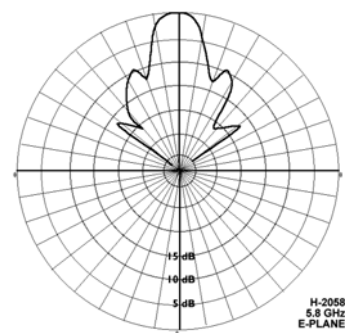
MECHANICAL	
Length	10.46"
Ground Plane	5.5" diameter
Housing	Polycarbonate
Weight	1.72 lbs.
Mounting	1-5/8" O.D. Mast or Wall



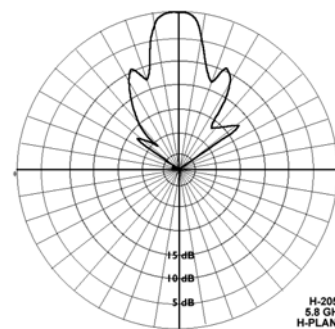
H2058



Mounting Detail



E-Plane



H-Plane