

1900 MHz Whisper

Directional In-Building Antenna

Model Number:

Indoor - ID1900
Outdoor - IDO1900

Specifications:

Element Type	Air-Loaded Patch
Frequency Range	1850 - 1990 MHz
Peak Gain	8.5 dBi
Polarization ¹	Linear
Azimuth 3dB Beamwidth	80°
Elevation 3dB Beamwidth	60°
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	2.0:1
Dimensions (L x W x H)	10.4 x 13.5 x 3.6 cm
Housing	Luran ²
Operating/Storage Temperature	-40° to +70°C



Mounting:

- Wall-mount bracket & screws included
- **Indoor Optional Brackets:** 2" Indoor Pan/Tilt Mount (IMI-02A) & 5" Indoor Pan/Tilt Mount (IMI-05A)
- **Outdoor Optional Brackets:** 5" Outdoor Metal Pan/Tilt Mount (IMO-05A)



IMI-05A



IMO-05A



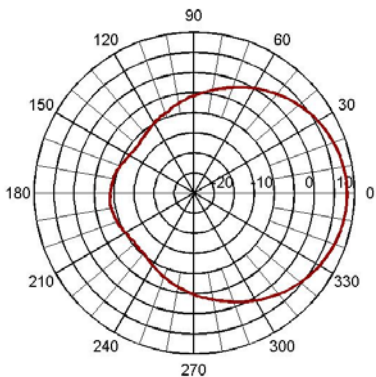
IMI-02A

Cables & Connectors:

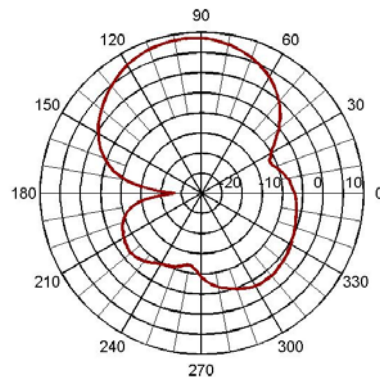
Model #	Reference #	Plenum Rated Coax	Connector
ID1900-SM36	CAF95996	36" RG-142	SMA-Male
ID1900-NF12	CAF95979	12" RG-142	N-Female
ID1900-NF36	CAF94330	36" RG-142	N-Female
IDO1900-SM12	CAF94138	12" RG-142	SMA-Male
IDO1900-SM36	CAF95993	36" RG-142	SMA-Male



Pattern data files for SitePlanner are available at www.centurion.com or www.wirelessvalley.com.

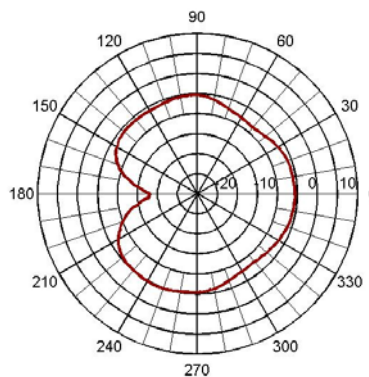


Azimuth Plane



Elevation Plane

phi=0



Elevation Plane

Phi=90

Specifications subject to change without notice.

ID1900a - 5/17/04