

ANT-WCDMA-ANF-00

0 dBi, omni-directional, GSM/GPRS/UMTS/HSDPA 5-band antenna



- > Waterproof N-type connector
- > Lightweight
- > Compact form factor
- > Pole-mounting support
- > Housing provides IP65 protection

Specifications

Antenna Characteristics

Frequency: 800/900/1800/1900/2100 MHz
Antenna Type: Omni-directional
Typical Antenna Gain: 0 dBi
Connector: N-type (female)
Impedance: 50±5 ohms
Polarization: Linear
HPBW/horizontal: 360°
HPBW/vertical: 40°
V.S.W.R.: 1:1.5 max.
Power Handling: 15 W max.

Physical Characteristics

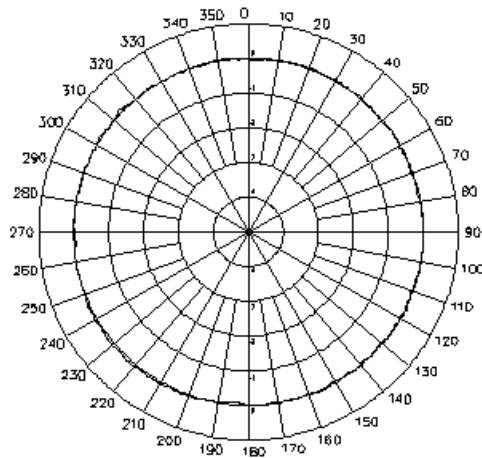
Weight: 430 g
Dimensions:
 Diameter: 35 mm
 Length: 420 mm
IP Rating: IP65
Radome Color: White
Radome Material: Glass fiber

Environmental Limits

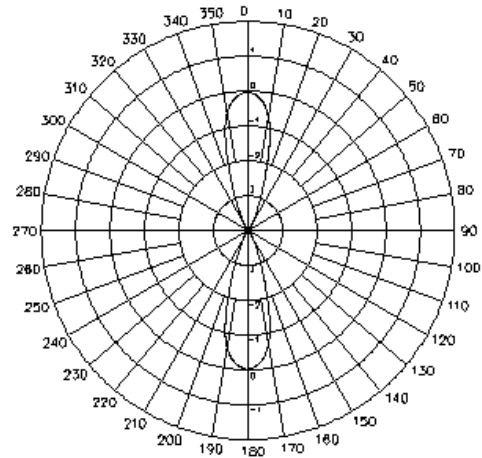
Operating Temperature: -40 to 80°C (-40 to 176°F)
Storage Temperature: -40 to 80°C (-40 to 176°F)
Ambient Relative Humidity: 5 to 95% (30°C, non-condensing)

Field Patterns

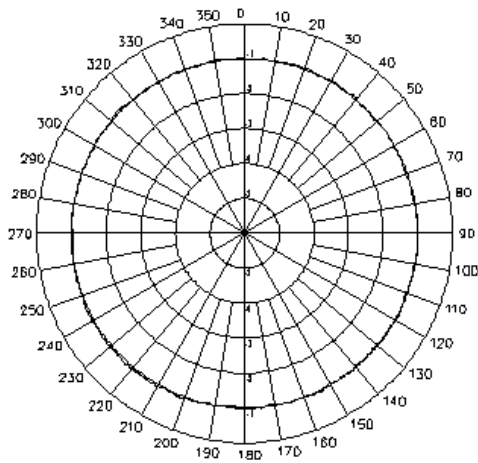
H-Plane for 800 MHz



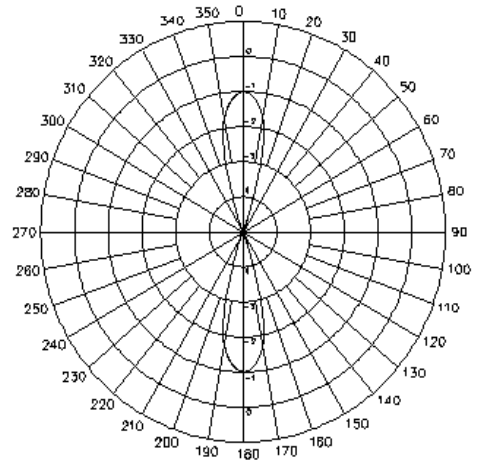
E-Plane for 800 MHz



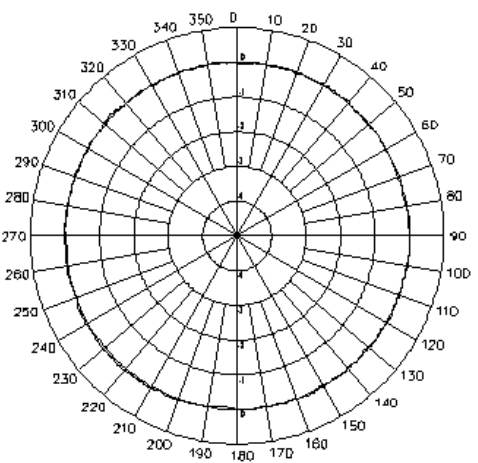
H-Plane for 900 MHz



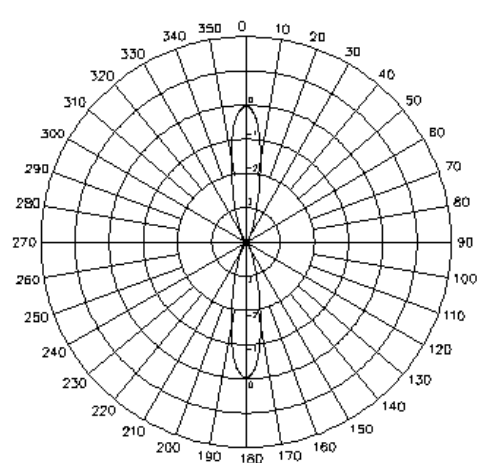
E-Plane for 900 MHz



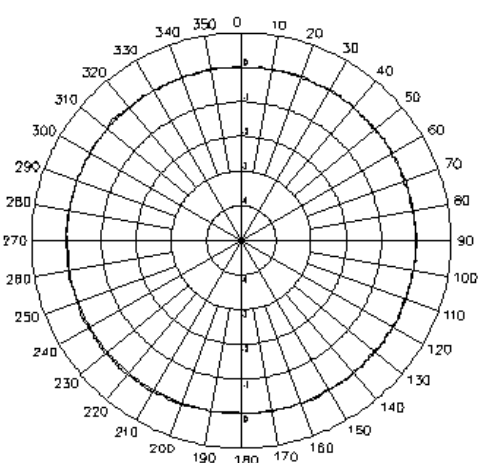
H-Plane for 1800 MHz



E-Plane for 1800 MHz



H-Plane for 1900 MHz



E-Plane for 1900 MHz

