



APPLICATIONS

- IEEE 802.11b/g/n Wireless LAN
- Point-to-point wireless links
- Broadband wireless access
- Industrial wireless communication
- Telemetry systems
- Wireless video transmission
- Amateur Radio (2400–2450 MHz, 13 cm band)
- Amateur Television (ATV)
- Educational and laboratory applications

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Reflector Material	Aluminium
Surface Finish	Powder Paint
Feed Element	Dipole
Mounting	Mast Mount
Mast Diameter	30 – 60 mm
Wind Survival	150 km/h
Operating Temperature	-40 °C to +70 °C
Weight	≈ 1.1 kg
Dimensions (W × H × D)	560 × 400 × 230 mm

FEATURES

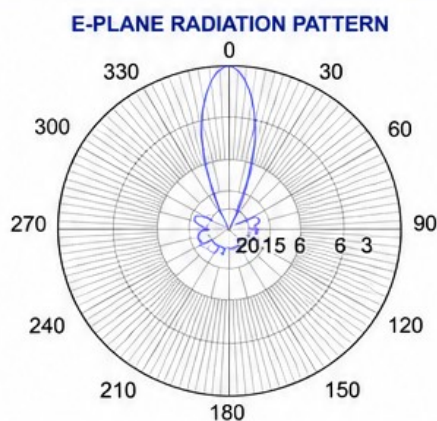
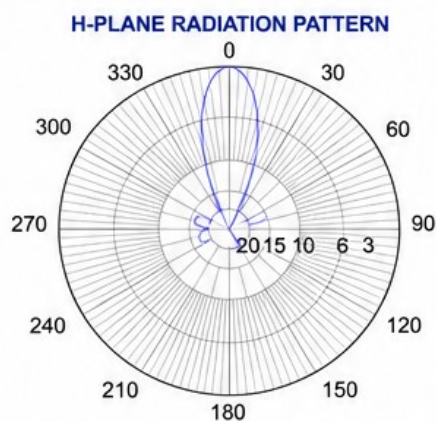
- High gain 14 dBi
- Frequency range 2400–2500 MHz
- High front-to-back ratio
- Integrated dipole feed
- Low wind loading
- Lightweight construction
- Aluminium reflector with paint
- Corrosion resistant
- Vertical or horizontal polarization
- Easy mast installation
- Connector: N Male or N Female

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	2400 – 2500 MHz
Gain	14 dBi
Polarization	Vertical or Horizontal
VSWR	≤ 1.5
Input Impedance	50 Ω nominal
Front-to-Back Ratio	> 25 dB
3 dB Beamwidth (H-plane)	≈ 35°
3 dB Beamwidth (E-plane)	≈ 30°
Connector	N Male or N Female
Maximum Input Power	10 W
Lightning Protection	DC Ground

ORDERING INFORMATION

MODEL	DESCRIPTION
UIG214	14 dBi Aluminium Parabolic with Dipole Feed, N Male or N Female



Scale: dBi