

High Gain All-Band Cellular Antenna

For use with all Telguard Digital Cellular Alarm Communicators

Model Number: HGD-0 High Gain Log Periodic Dipole Array



Telular HGD-0 high gain wideband directional antenna supports all Telular Telguard Digital Cellular Alarm Communicators.

Features:

- High gain, minimum 8 dBi, typically better than 10 dBi
- All purpose, covers the four major cellular frequency bands from 824 MHz to 1990 MHz
- Robust and weatherproof
- Unobtrusive, looks like a UHF TV antenna or data link antenna

Specifications:

Product Code: HGD-0 Telguard Digital High Gain Antenna

Electrical:

Gain	8.0 dBi minimum; 9 – 12 dBi typical
Frequency Bands	824 - 1000 and 1700 - 2000 MHz
VSWR	
Transmit sub-bands	< 1.5:1
Receive sub-bands	< 2.0:1
Front to Back Ratio (F/B Ratio)	> 16 dB (nom)
Feed power handling	10 W
Nominal input impedance	50 Ohms
Connector	TNC male on short coax (30 - 50 cm)
Polarization	Linear (vertical when clamped to vertical pole)

Mechanical:

Mounting	Pole mount, maximum diameter: 50 mm (2")
Approx. Dimensions (l x w x h)	1020 mm x 200 mm x 50 mm (40" x 7¾" x 2")
Weight (including bracket)	1.2 kg (2¾ lbs) maximum