



40DB gain GPS antenna with Lightning Protection | 66-110-S | 123e.com
Part Number: 66-110-S

The GPS-TMG-40 timing reference antennas are specifically designed for long lasting, trouble-free deployments in congested cell-site applications. Their 40 dB high gain amplifier is well suited to address attenuation issues associated with applications requiring longer cable runs.

The proprietary quadrifilar helix design, coupled with multi-stage filtering provides superior out-of-band rejection and lower elevation pattern performance than traditional patch antennas. Their unique radome shape sheds water and ice, while eliminating problems associated with bird perching.

This antenna is made of materials that fully comply with provisions stipulated by EU directives RoHS 2002/95/EC.

This antenna also features ESD, reverse polarity protection and transit voltage suppression.

Why 123eWireless:

- Field-proven solutions engineered for XtremeWeather™ conditions
- Seamless integration into timing and sync systems for cellular and private networks
- Backed by our commitment to performance, reliability, and support

PHYSICAL SPECIFICATIONS

Dimensions	5.0" H x 3.2" D (126 H x 81 mm)
Weight	0.6lbs
Connector A	N Female (one - bottom fed)

ELECTRICAL SPECIFICATIONS

Antenna Gain	3.5 dBic
Frequency Range	1575.42 +/-10 MHz
Impedance	50 ohms
Polarization	Right hand circular
Voltage Rating	DC= 2.8-9.0 V (operating) ≤ 28.0 V (survivability)
VSWR	≤ 1.5:1

ENVIRONMENTAL SPECIFICATIONS

Humidity	95%
Operating Temperature	- 40°C to + 85°C
Temperature Range	- 40°C to + 85°C

Thank you visiting 123eWireless.

Please contact us at sales@123ewireless.com for any queries.