



AWSGD5W Wideband Parabolic Grid

21, 25, 28 dBi

The 5GHz wide band parabolic grid directional antennas offered by AWS utilize a unique patented parabolic grid design with compact high performance feed. The antennas are constructed of welded steel wires which are galvanized and then powder coat painted with a light gray epoxy paint. The wire grid semi-parabolic design offers unsurpassed low wind loading while maintaining good RF performance. The compact low visual impact attractive styling blends well in almost any application. Mounting is simplified with the AWS bracket system made of galvanized steel with stainless steel hardware. The 28dBi model comes with a super heavy duty bracket system to give even greater stability in high winds. The feed has a 30inch pigtail and N Female connector standard.

Other connectors are available upon special request.

SPECIFICATIONS



Gain

21 dBi (AWSGD5W21)
25 dBi (AWSGD5W25)
28 dBi (AWSGD5W28)

Frequency Range 4940 - 5850 MHz

Horizontal Beamwidth

10 degrees (AWSGD5W21)
6 degrees (AWSGD5W25)
4 degrees (AWSGD5W28)

Vertical Beamwidth

11 degrees (AWSGD5W21)
6 degrees (AWSGD5W25)
5 degrees (AWSGD5W28)

Front to Back 18 dB or better

Maximum Input Power 100 W

Impedance 50 OHM

Max. Wind Velocity 125 mph (200 kph)

Bracket +/- 45 degrees vertical

Connector

N-Female
N-Male (on request)

Net Weight 3 lbs. (1.4 kg)

Dimensions (WxL)

11.8" x 15.7" (AWSGD5W21)
16.8" x 24" (AWSGD5W25)
28.5" x 36" (AWSGD5W28)

Antenna Patterns @ 5.8 GHz

