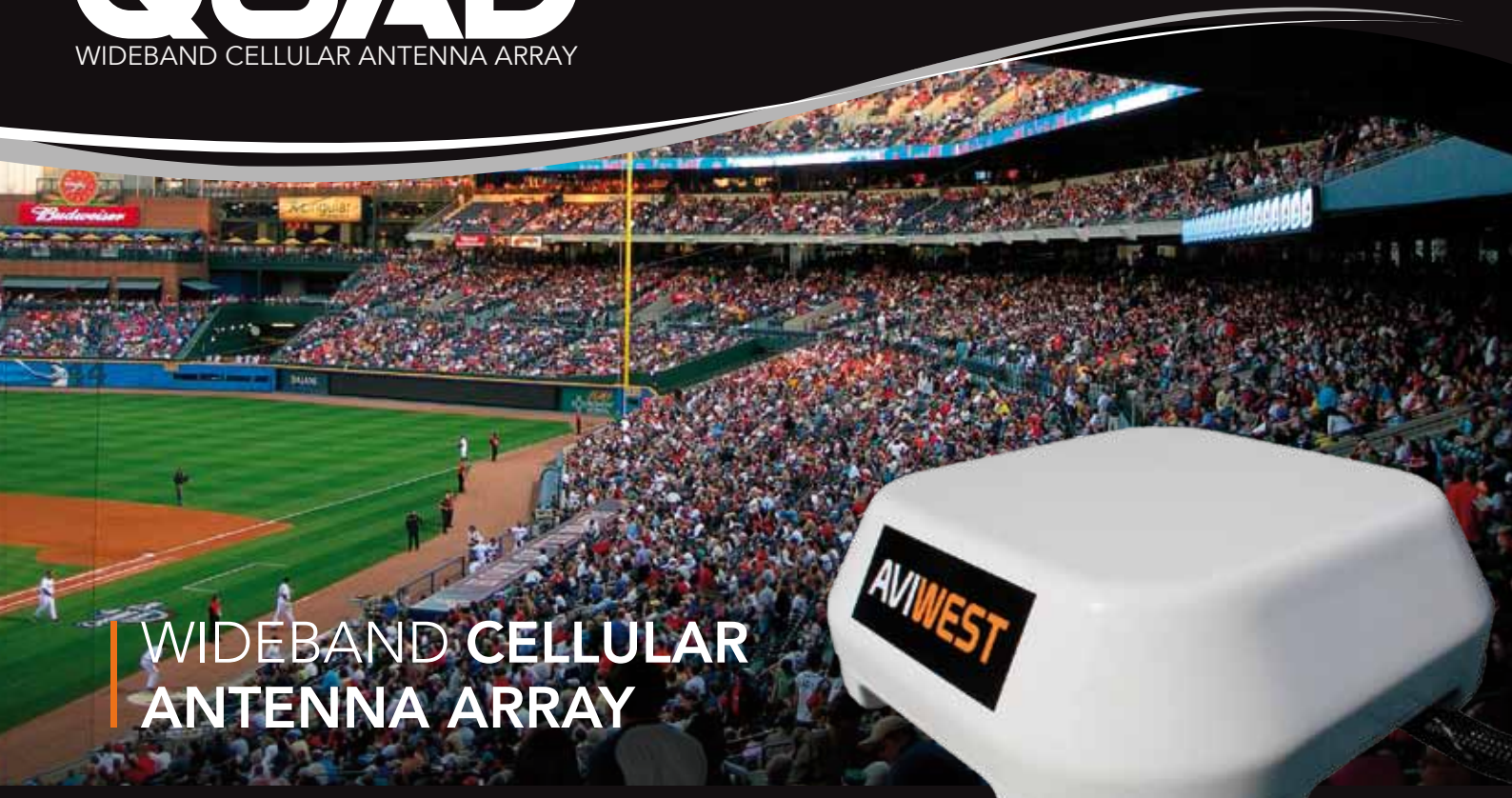


# QUAD

WIDEBAND CELLULAR ANTENNA ARRAY



## WIDEBAND CELLULAR ANTENNA ARRAY

Designed to be used in combination with DMNG transmitters, the AVIWEST QUAD wideband cellular antenna array dramatically increases the 3G/4G signal resiliency in critical conditions for live video transmission.

QUAD combines 4 patented high efficiency wideband antennas operating from 600MHz to 3GHz covering all the frequency bands used by 3G and 4G networks. Its rugged design makes it suitable for both indoor and outdoor applications. It can be mounted on a tripod or a mast for better signal reception or even placed on a vehicle roof thanks to its magnetic pads.

### MAIN SPECIFICATIONS

**ANTENNAS**

- 4-wideband-antenna array
- Operating range: 600MHz to 3GHz
- Can be used for any UHF transmission up to 36dBm
- Semi omnidirectional radiation patterns

**ELECTRICAL**

- Free Space Return Loss per antenna (dB) 1710-2700MHz: <-10
- Measured Free Space VSWR per antenna 700-2700MHz: <2:1
- Free Space Peak Gain per antenna 700-2700MHz: up to 5.4dBi

**COAXIAL CABLE**

- 4 x 3 meters cables (one per antenna)
- Termination: MCX male
- Type: RG174

**MOUNTING**

- 1 x anti rotation 1/4-20 threaded stud mount
- 4 x anti-slip magnetic pads complies to XP ISO/PAS 11154 for magnetic mounting on vehicle rooftop
- 4 x M4 threaded silentblocs

**PHYSICAL**

- Plastic body with ground plane
- Dimensions: 222 x 222 x 79 mm
- Weight (Kg): 1.4 Kg / 3.08 Lb
- Operating temperatures: -40°C to 85°C

### SYSTEM OVERVIEW



AVIWEST continuously improves its products portfolio and reserves the right to modify the specifications without prior notice.