

MBA-0262

UHF/L-Band Panel Array Antenna

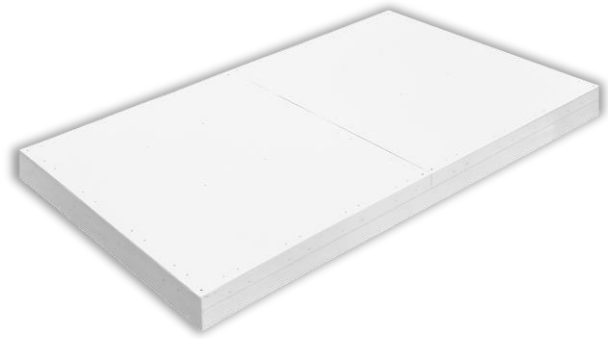


DESCRIPTION

The MBA-0262 is an unmanned aerial vehicle- (UAV) and land vehicular-qualified antenna designed for ground-to-ground, ground-to-air, and air-to-ground communications systems.

Operating between frequencies from 400 MHz to 2.7 GHz, this antenna is optimized for L-band up and downlinks for integrated use with radomes and electronic systems.

Applications include signal intelligence (SIGINT), intelligence, surveillance and reconnaissance (ISR), sensor systems, and communications.



UHF/L-Band Panel Array Antenna

SPECIFICATIONS

ELECTRICAL

| | |
|----------------|-----------------------------|
| Frequency Band | 400 MHz to 2700 MHz |
| VSWR | $\leq 2.5 : 1$ |
| Polarization | Right-Hand Circular |
| Boresight Gain | +4 dBiC to +18 dBiC Typical |
| Ground Plane | Ground Plane Independent |
| Connector | SMA Female |

MECHANICAL

| | |
|------------------|---|
| Weight | 19.4 lbs (8.8 kg) |
| Dimensions | 32.06" L x 16.25" W x 2.5" H (81.43 cm L x 41.28 cm W x 6.35 cm H) |
| Mounting | Available Upon Request |
| Finish (Default) | White Polyurethane Enamel |

ENVIRONMENTAL

| | |
|-------------------|----------------------------------|
| Shock | RTCA/DO-160F |
| Vibration | RTCA/DO-160F |
| Operational Temp. | -67°F to +158°F (-55°C to +70°C) |

MODEL NUMBERS

| | |
|-----------------|------------|
| White Color | MBA-0262-W |
| Tan 686A Color | MBA-0262-T |
| Green 383 Color | MBA-0262-G |