

Model COM231

Lightweight VHF Communications Antenna

The COM201B is a vertically polarized, omni-directional antenna specifically designed for quick deployment and ease of operation. The COM201B has the versatility to be deployed in several different applications:

- Ground mounted by using a unique tripod leg structure
- Mast mounted on the following masts by using our optional mast adapter:
 - OE-254
 - QEAM®
 - Contact Corporation® telescopic CAES masts
- Tower mounted



FEATURES:

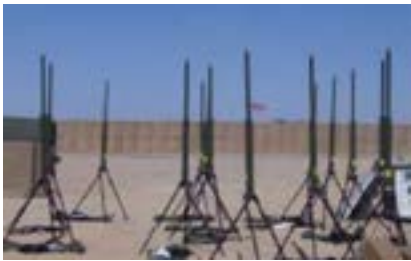
- 30-88 MHz Operating band
- Power 200 W CW
- 2.5 : 1 VSWR typical
- No active tuning required
- Vertically polarized, omnidirectional radiation pattern in the azimuth plane in the elevation plane.
- Typical antenna gain is 0 dBi.
- Lightweight rugged construction
- Quick assembly/disassembly for transport or storage
- Stows in a bag 36" long and 10" inches diameter
- Designed to be terminated with a robust type N female connector
- Connector adapters can be purchased separately

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MAST MOUNTED



GROUND MOUNTED



TOWER MOUNTED



ELECTRICAL SPECIFICATIONS

FREQUENCY:	• 30-88 MHz
GAIN:	• 0 dBi typical
VSWR:	• 2.5:1 typical
IMPEDANCE:	• 50 ohms
POWER:	• 200 W average
POLARIZATION:	• Vertical
PATTERN:	
AZIMUTH:	• Omnidirectional
ELEVATION:	• Figure Eight
RF CONNECTORS:	• Type N female
ADAPTORS:	• N Male - BNC Female • N Male - UHF Female

MECHANICAL SPECIFICATIONS

ELEMENT HEIGHT:	• 68"
ELEMENT DIAMETER:	
UPPER:	• 1.5"
LOWER:	• 3.0"
TOTAL HEIGHT:	• 105"
STOWED SIZE:	• 36" X 10" diameter
WEIGHT:	• 10 lbs.
WIND (guyed):	• 100 mph
TEMPERATURE:	• -40° to +65°C
FINISH:	• Epoxy CARC 383 green

