

# Comant CI 177-1

## FM COMMUNICATION

### CI 177-1 ANTENNA

Comant's four-through-hole-mount style whip FM Communication antenna with BNC port. Designed for use over the public service FM extended frequency 2-meter band. Suitable for top mounting for light fixed-wing single-engine / multi-engine aircraft.

### APPLICATIONS

Light Fixed-Wing Single-Engine  
Light Fixed-Wing Multi-Engine  
Warranty: 1 year  
Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

138 - 174 MHz (VHF - FM)

### SPECIFICATIONS

#### Electrical

Frequency	138-174 MHz
VSWR	3.0:1 Max
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance RF	50 Ohms
Resistance DC	Short Circuit
Power RF	50 watts

#### Mechanical

Weight	0.75 lb.
Height	15.3 in.
Material	Die Cast housing / Fiberglass whip
Finish	White Polyurethane Enamel
Connector	BNC (female)

#### Environmental

Temperature	-55C to +55C
Altitude	25,000 ft.

#### Federal Specifications

FAA TSO	C37b, C38b
RTCA Environmental	DO-138

#### Gasket

B12607-3

