

# Comant CI 105

DME/Transponder



The most important thing we build is trust

## CI 105 DME Transponder

Broadband and rugged antenna designed for DME or transponder use. Antenna assembly encased in a glass reinforced polyester molded shell. Standard two stud mounting configuration. CI 105 includes a BNC connector.

## Applications

Single and twin engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

## Frequencies Covered

960-1220 MHz

## Specifications

### Electrical

Frequency	960-1220 MHz
VSWR	1.5:1 Max 960-1220 MHz 1.3:1 Max 1025-1150 MHz
Polarization	Vertical
Radiation Pattern	Equivalent to a 1/4 wave stub
Impedance RF	50 Ohms
Resistance DC	Open Circuit
Power RF	2.5 KW Peak

### Mechanical

Weight	0.24 lbs
Height	3.23 inches
Finish	Polyurethane Enamel
Connector	BNC (female)

### Environmental

Temperature	-54 C to +55 C
Altitude	70,000 ft.

### Federal Specifications

FAA TSO	C66a, C74c
RTCA Environmental	DO-160C
Gasket	B10505

