

# Comant CI 105

## DME/Transponder

# COBHAM

2008 Data Sheet

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.
Airspeed	400 KTAS at 25,000 ft.

#### Federal Specifications

FAA TSO	C66a, C74c
RTCA Environmental	DO-160C

#### Gasket

B10505



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

For further information please contact:

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