

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:

Cobham SATCOM Airborne Systems
577 Burning Tree Road
Fullerton, California 92833 USA
Tel: (01) 714-870-2420
Fax: (01) 714-870-5133
Email: comant@cobham.com