

Comant CI 105-3

DME/Transponder

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 105-3 DME Transponder

Comant CI 105-3 DME/Transponder antenna. Identical to the CI 105 in operating characteristics. Antenna configuration specifically designed for external applications using a three hole flange mounting. BNC female 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

75 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	3.31 inches
Finish	Polyurethane Enamel
Connector	BNC (female)

Environmental

Temperature	-54 C to +55 C
Altitude	70,000 ft.
Airspeed	450 KTAS at 25,000 ft.

Federal Specifications

FAA TSO	C66b, 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