

# Comant CI 105-16

DME/Transponder

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 105-16 DME/Transponder

Broadband and rugged antenna designed for DME or transponder use. The CI 105-16 was designed specifically for the Honeywell Bendix-King™ KA60.

This unit offers the extended length two-stud mounting found on the KA60.

Tested to the tougher DO-160D environmental requirements, this antenna offers the best in ruggedness and performance.

## 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	0.2 lbs
Height	3.23 inches
Finish	Unpainted White Valox Shell
Connector	BNC (female)

### Environmental

Temperature	-55 C to +85 C
Altitude	70,000 ft.
Airspeed	400 KTAS at 25,000 ft.

### Federal Specifications

FAA TSO	C66a, C74c
RTCA Environmental	DO-160D



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](mailto:comant@cobham.com)