

Comant CI 165

Marker Beacon

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 165 Marker Beacon

Lightweight flush mount antenna was originally designed for use on military aircraft. Provides for dual marker beacon signal outputs at the antenna, eliminating the need for a separate marker beacon splitter. Antenna is housed in a aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. The CI 165 is designed for flat surface mounting. For curved fuselage applications see CI 164.

Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

Frequencies Covered

75 MHz

Specifications

Electrical

Frequency	75 MHz
VSWR	1.5:1 Max at 75 MHz 5.0:1 Max at 75 +/- .15 MHz
Polarization	Horizontal
Isolation btwn Ports	20 dB Minimum
Impedance RF	50 Ohms
Resistance DC	DC Grounded
Power RF	Receive Only

Mechanical

Weight	1.0 lbs
Height	Flush Mount
Construction	Aluminum Housing Glass Lam. Cover
Finish	White Poly. Enamel /Housing Flat Grey
Connector	BNC (Two Ports)

Environmental

Temperature	-55 to 85 C
Altitude	45,000 ft.
Airspeed	600 Kts TAS at 55,000 ft.

Federal Specifications

FAA TSO	C35d
RTCA Environmental	DO-160A / MOPS DO-138
Gasket	D16404



For further information please contact:

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