

Comant CI 105-25

DME/Transponder

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 105-25 DME/Transponder

Wide band vertically polarized/omnidirectional antenna designed for high performance aircraft over the UHF/L Band of frequencies from 806 to 960 MHz. Low profile blade-type construction features 6-hole mounting, low drag, low weight, DC grounding for lightning protection and Skydrol/rain erosion resistance.

Applications

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

Frequencies Covered

806-960 MHz & 960-1220 MHz

Specifications

Electrical

Frequency	894-896 MHz Transmit 849-851 MHz Receive 960-1220 MHz
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VSWR	894-896 MHz Transmit <1/5:1 849-851 MHz Receive <1.5:1 960-1220 MHz 2.5:1
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Polarization	Horizontal
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Radiation Pattern	1/4 Wave Dipole
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Impedance	50 Ohms
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RF Power	100 Watts
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Mechanical

Weight	.40 lbs
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Height	3.55 inches
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Material	Molded Radome
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Finish	White Polyurethane Paint
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Connector	N
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Environmental

Temperature	-55 to 85 C
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Altitude	70,000 ft
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Airspeed	600 KTAS at 25,000 ft.
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Federal Specifications

FAA TSO	C66b, Class 1
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Environmental RTCA	DO 160-C
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Gasket	70445 "O" Ring
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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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