

# Comant CI 105-17-L

## TRANSPONDER / ADS-B IN & OUT / DME

### CI 105-17-L ANTENNA

Comant's six-through-hole-mount style metal blade transponder antenna with TNC connector and leading edge protection. Frequency range supports both ADS-B In & Out and DME applications. Supported by five different TSOs. Suitable for either top or bottom mounting with both light and heavy fixed-wing single-engine / multi-engine, helicopter and business jet aircraft.

### APPLICATIONS

Light Fixed-Wing Single-Engine  
Light Fixed-Wing Multi-Engine  
Heavy Fixed-Wing Single-Engine  
Heavy Fixed-Wing Multi-Engine  
Helicopter  
Warranty: 1 year  
Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

978 MHz (UHF - ADS-B In)  
960-1215 MHz (UHF / L Band - DME)  
1030-1090 MHz (L Band - XPDR / ADS-B Out)

### SPECIFICATIONS

#### Electrical

Frequency	960 MHz to 1220 MHz 1030 MHz to 1090 MHz 978 MHz 1090 ± 1 MHz
VSWR	2.0:1 Max 1.5:1 Max 1.7:1 Max 1.5:1 Max
Return Loss	9.54 dB Max -13.98 dB Max -11.73 dB -13.98 dB Max

Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance RF	50 Ohms
Resistance DC	Open Circuit
Power RF	1 KW Peak

#### Mechanical

Height	3.4 in.
Connector	TNC (female)
Finish	Glossy White

TSO-C66c, 960-1215 MHz  
TSO-C74d, Class A, 1030-1090 MHz  
TSO-C112e, 1030-1090 MHz  
TSO-C154c, Class A3, 978 MHz  
TSO-C166b, Class A, B, 1090 ± 1 MHz  
RTCA/DO-160G, ENV. CAT.:  
[F2X]A CE[R(C,C1)H(R)U2(F,F1)S(L)]  
XSFXSXXXX[XXX][XX]X[XXXXXX][XX]AXX  
A10540 Installation Instructions Supplied with Antenna  
BNC (female)

