

# Comant CI 1085-20-L

## COMDAT® VHF COMMUNICATION / TRANSPONDER

### CI 1085-20-L ANTENNA

Comant's ComDat® four-through-hole-mount style blade VHF / Transponder antenna with BNC / TNC ports and leading edge protection. This antenna covers both VHF extended band, ADS-B Out, Mode S transponder and DME frequencies. 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/Multi-Engine  
Helicopter  
Business Jets

Warranty: 1 year

Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

116 - 156 MHz (VHF - Comm)  
978 MHz (UHF - ADS-B In)  
960-1215 MHz (UHF / L Band - DME)  
1030-1090 MHz (L Band - XPDR / ADS-B Out)

### SPECIFICATIONS

#### VHF Specifications

Frequency	116-156 / 978 / 960-1215 / 1030-1090 MHz
VSWR	3.0:1 2.0:1 1.5:1 1.7:1 Max
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power Rating	VHF 40 watts / L Band 1 KW Peak

#### Mechanical / Environmental

RTCA	DO-160G
FAA TSO (Incomplete systems)	C74d ATCRBS/Transponder C66c DME C112e ATCRBS/Mode S Transponder C154c UAT/ADS-B C169a VHF Comm
Connectors	J1 BNC (F) 116-156 MHz J2 TNC (F) 960-1220/1030- 1090 MHz
Finish	Glossy White
Weight	2.25 lbs.

