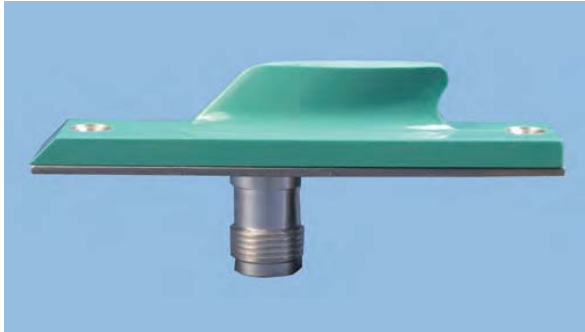




Airborne Instrumentation Antenna for Tactical Common Datalink (TCDL) Applications



STANDARD FEATURES:

- 14.4–15.35 GHz Frequency Coverage
- Linear Polarization
- Rugged, High-Thermal Characteristics
- Small, Lightweight, Rigid Structure
- Low Aerodynamic Drag

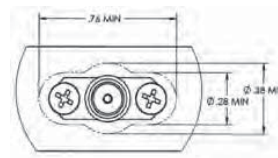
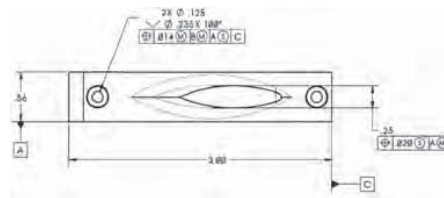
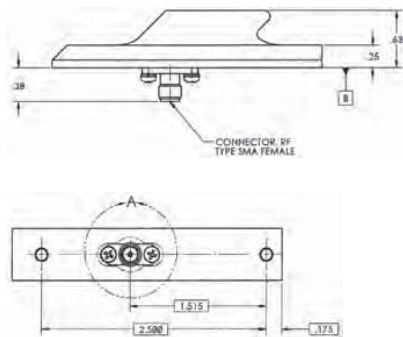
APPLICATIONS:

- Tactical Common Datalink
- Airborne Data Relay
- High-Performance Airborne Vehicles
- Airborne Communications
- Border Surveillance
- Signal Intelligence

TECOM has a diverse line of rugged airborne instrumentation antennas that provide high data-rate communication capabilities for airborne vehicles. Our standard product line includes antenna products that are scalable in frequency, and offer superior performance for mission requirements from UHF to Ku-Band.

The TECOM series of airborne antennas serves a critical need for use on small- and medium-sized vehicles where internal space is not available for flush cavity antennas. Their streamlined aerodynamic form yields a lightweight, low-drag antenna, which universally mounts to any vehicle structure with minimal modification.

TECOM's omni-directional airborne TCDL antenna operates from 14.4-15.35 GHz in Ku-Band, and is linearly polarized. Each bi-convex blade antenna is pre-tuned to customer specifications within the TCDL frequency band. Models are available for both higher- and lower-temperature applications, and all are designed to operate as single, stand-alone antennas, or in arrays of two, three or more. RHCP or LHCP polarizations, as well as matching power dividers used specifically for multi-antenna array applications, are also available from TECOM.



DETAIL A
SCALE: 4/1
RECOMMENDED
CONNECTOR (CUP-011)

DATA LINK

Innovative Antenna Solutions