



ANTENNA TECHNOLOGIES LIMITED COMPANY

## Model LP460D860HUM20F Low Profile Dual Band Antenna

### Key Features

- ✓ Compact size, measures only 7.5" OD and 1.4" height
- ✓ Single cable lead for easy installation
- ✓ Easy to mount



Electrical Specifications	LP460D860HUM20F
Frequency MHz	450-470 and 824-896
VSWR	1.5:1
Polarization	Vertical
Impedance	50 Ohms
Gain	2.5 dBi
Radiator Type	Edge Slot
Elevation Beamwidth	Cosine Shaped Monopole
Azimuth Beamwidth	Omnidirectional
Power Handling	50 watts

Mechanical Specifications	LP460D860HUM20F
Radome	White
Dimensions	7.5" x 1.4" Height
Adhesive Gasket	3M VHB Series Two Sided
Cable Type/Length	RG58, 20'
Connector	UHF Male
Environmental Specifications	
Operating Vibration	2.5 GRMS 10 to 1000 Hz
Non-Operating Vibration	2.5 GRMS 10 to 1000 Hz
Operating Temperature	-30 C to +70 C
Non-Operating Temperature	-40 C to +80 C
Velocity	50 Meters per second
Acceleration	.5 G
Thermal Shock	+70 C max
Altitude, Operating	10,000 ft.
Altitude, Non-Operating	40,000 ft.
Humidity	0 – 98%
Immersion and Splash	Exterior side is splash proof
Salt Spray	ASTM B117 reqs. Met
Mechanical Shock	20 G Half SINE, or 11 Milliseconds