

PN19 Series Radio Altimeter Antenna

The PN19-1-1 and PN19-2-1 utilize microstrip technology to provide an extremely low-profile antenna. This fully functional series was developed to be a high-quality, low-cost, lightweight, and near conformal antenna. The dielectric insert and radiating elements are recessed into a complete four-sided metal housing. This exclusive design feature protects the dielectric surface from the air stream for increased erosion protection in addition to preventing water intrusion and delamination.



SPECIFICATIONS FOR: PN19 SERIES RADIO ALTIMETER ANTENNA

ELECTRICAL	
Frequency Range	4200 – 4400 MHz
VSWR	<2.0:1 4200 – 4400 MHz max <1.8:1 4275 – 4325 MHz max
Gain	10 dBi
Impedance	50 Ohms
Polarization	Linear
MECHANICAL	
Connector	TNC Female
Weight	5 oz max
Temperature	-55°C – +85°C Operating
Altitude	-1,000 ft to +70,000 ft
Lightning Protection	dc Short
Vibration	10 G's
Approvals	FAA TSO C87, ARINC 707/552 DO160C...E1-ABC'XWHDNSXXXXXXXXXX MIL-E-5400

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INCHES (CENTIMETERS)

Consult with factory for mounting specifications.

FLORIDA | NEW YORK | VIRGINIA | BRAZIL | UNITED KINGDOM | UAE | SINGAPORE

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