



L3HARRIS™
FAST. FORWARD.

PN19 SERIES RADIO ALTIMETER ANTENNA

CUTTING-EDGE TECHNOLOGY

The PN19-1-1 and PN19-2-1 uses 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.

| 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 |



KEY FEATURES

- > Low profile
- > Microstrip technology
- > Unique erosion protection features
- > Lightning protection variants available

For further details and specifications, contact the factory at antenna.info@L3Harris.com

PN19 Series Radio Altimeter Antenna

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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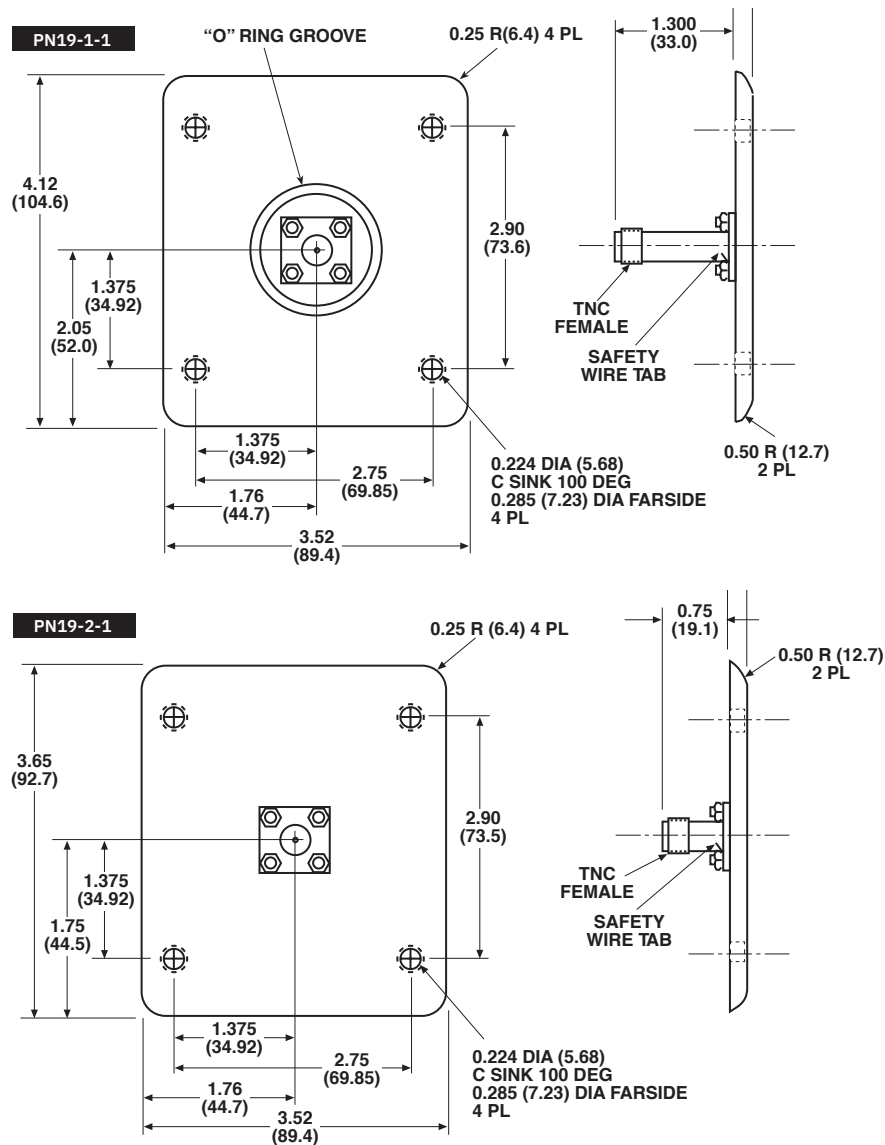
1025 W. NASA Boulevard
Melbourne, FL 32919



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PN19 SERIES RADIO ALTIMETER ANTENNA

DIMENSIONS: INCHES (CENTIMETERS)



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