Product catalog

Horn Antennas

Horn antennas use a flared waveguide structure to produce predictable microwave radiation, gain and beamwidth. They are used as test antennas, radar feeds, reference antennas, EMC fixtures and microwave link components.



Products: 1

Revision: 1 · Revision date: 2026-11-08



LCHA-2000-18000-18

2–18 GHz Broadband Horn Antenna, Vertical Linear Polarization

The antenna covers 2–18 GHz with vertical linear polarization. Gain varies with frequency from 5.5 to 18 dBi and is greater than 9 dBi at 3.6 GHz.

Frequency range: Value: 2–18; Unit: GHz; Notes: Minimum: 2 GHz. Maximum: 18 GHz.

VSWR: Value: ≤2.0:1; Notes: Typical bounded value; not a guaranteed maximum. Typical: 2.

Polarization: Value: Vertical linear polarization

Gain: Value: 5.5–18; Unit: dBi; Notes: Frequency dependent.

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.