SLOTTED WAVEGUIDE ANTENNAS



X-band slotted horn antenna (21 dBi, 5×40°, SLL <-20, radome)



Ka-band slotted waveguide antenna (36 dBi, 0.5 × 10°, SLL <-22)

Areas of Application

For ground-based and airborne radars

Specification

The beam shape: pencil (axially symmetric), fan beam, special (cosec, etc.).

| Frequency band, GHz | 6 - 40 |
|-----------------------------|--------|
| Operating frequency band, % | <10 |
| Efficiency, % | >90 |



Ka-band slotted waveguide antenna. (39 dBi, 1.7 × 521.7°, SLL <-22, monopulse)

Advantages

Compactness and lightness; linear polarization with high cross-polarization isolation; optional low-profile radome; single-axis or dual-axis monopulse configuration

Stage of Development. Suggestions for Commercialization

IRL8, TRL7 Manufacture, delivery, warranty service, and staff training, upon request

IPR Protection

IPR1

Contact Information

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