Model 13C02800
Low Profile Broadband Stub

Model 13C02800 is a low profile quarter wave stub antenna featuring exceptionally broad bandwidth and high power handling capability. Its pattern is omnidirectional in azimuth with an elevation pattern similar to a quarter wavelength stub over a ground plane. The radiating element is encased in a composite radome. The radome is available with gray paint or black rain erosion coating.

PHYSICAL CONFIGURATION

SAMPLE RADIATION PATTERN
# Model 13C02800
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## FEATURES:
- Broad Bandwidth
- High Power Handling
- Composite Radome

## FREQUENCY RANGE:
- 2 to 12 GHz

## VSWR:
- 2.5 : 1 from 2 to 2.3 GHz
- 2 : 1 from 2.3 to 12 GHz

## NOMINAL GAIN:
- Similar to matched quarter wave stub

## POLARIZATION:
- Vertical

## ALTITUDE:
- 70,000 ft.

## RF POWER:
- 100 Watts avg.

## WEIGHT:
- 3 oz. max.

## INPUT
- N Jack

## TEMPERATURE RANGE:
- -65°F to ±250°F

## ENVIRONMENTAL SPECIFICATION:
- MIL-HDBK-5400