



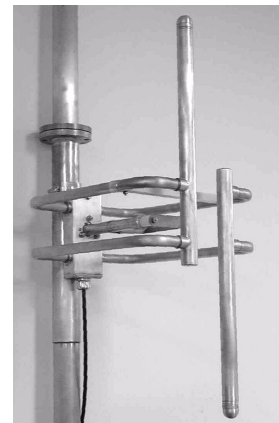
Shively Labs®

6813 Circular

Typical Data for Model 6813 FM Antenna (full-wave-spaced)

Model 6813 FM Antenna

- True Circular Polarization
- Power Rating: 3kW per Bay
- Ring Stub Design
- Adjustable Fine-Matching
- Rugged Corrosion-Resistant
- Consistently Predictable Patters
- Low Weight and Windload
- Pattern Studies Available
- Radomes / Deicers Available
- Special Spacing Ratios & Beam Tilt



Performance Specifications:

Polarization:

Right circular.

VSWR:

1.08 : 1 ± 100 kHz.

1.16 : 1 ± 200 kHz (optional 1.10 : 1; see factory for details)

Azimuth Pattern Circularity:

Horizontal component ±1.5 dB on pole.

Input Connection: 1 5/8 EIA Female

1-bay 1.46 power gain 2 bay .99 power gain 3 bay 1.55 power gain 4 bay 2.12 power gain

5 bay 2.70 power gain 6 bay 3.28 power gain 7 bay 3.87 power gain 8 bay 4.46 power gain

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