

7-Element UHF Directional Yagi Antenna

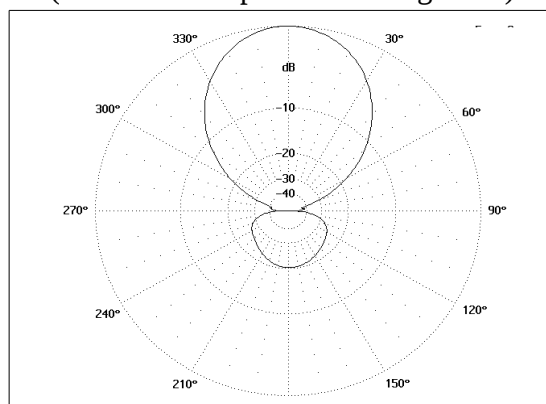
Model: 7E434-NF

Optimised for MOTUS applications

| | |
|------------------------------|---|
| Frequency Range: | 430 – 438MHz |
| Gain(free space): | 12.1dBi (10.0dBd) |
| Impedance: | 50 Ohms |
| 1.5:1 VSWR Bandwidth (typ.): | >8MHz |
| Polarization: | Horizontal or Vertical |
| Pattern: | Directional |
| -3dB Beamwidth(free space): | 43° x 49° (E x H) |
| Front-to-Back Ratio | >18dB |
| Power Rating: | 150 Watts |
| Input Connector: | N-female on short coax pigtail |
| Length: | 42" (107cm) (split boom for easier shipping) |
| Windload (no ice): | 0.3sq. ft (0.03sq. m) |
| Mounting: | End Mount { fits up to 1.75"(4.44cm) od support mast } |
| Weight: | 1 lb 14 oz (0.85 kg) (including mounting bracket) |
| Construction: | Aluminum and Stainless steel (V-bolts & hardware) |
| Shipping (single Yagi): | Supplied in 14" x 24" x 4.5" (36 x 61 x 12cm) box {3.5lb (1.6kg)} |
| Shipping (2 Yagis): | Supplied in 14" x 24" x 4.5" (36 x 61 x 12cm) box {5.7lb (2.6kg)} |
| Shipping (3 Yagis): | Supplied in 14" x 24" x 9" (36 x 61 x 23cm) box {8.6lb (3.6kg)} |
| Shipping (4 Yagis): | Supplied in 14" x 24" x 9" (36 x 61 x 23cm) box {10.1lb (4.6kg)} |

- Elements are Pre-Assembled
- 2-Piece Boom for Quick Assembly
- No Tuning required
- Waterproof Feed System
- Shipped Single or Multiple Yagis per Box

Horizontal Radiation Pattern (E)
(with elements parallel to the ground)



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