

Optimised for MOTUS applications

164 - 170MHz Directional Yagi Antenna

Model: PLC1669-Rev2

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|------------------------------|--|
| Frequency Range: | 164 – 170MHz |
| Gain(free space): | 12.4dBi (10.2dBd) |
| Impedance: | 50 Ohms |
| 1.5:1 VSWR Bandwidth (typ.): | >6MHz |
| Polarization: | Horizontal or Vertical |
| Pattern: | Directional |
| -3dB Beamwidth(free space): | 43° x 50° (E x H) |
| Front-to-Back Ratio | >18dB |
| Power Rating: | 250 Watts |
| Input Connector: | UHF Female / SO-239 - supplied on 12" (30cm) coax pigtail |
| Length:: | 136" (346cm) (3-piece boom for easier shipping) |
| Windload (no ice): | 1.4sq.ft (0.13sq. m) |
| Mounting: | Mounting bracket included (fits up to 2.38" od support mast) |
| Weight: | 6 lb 10 oz (3.0kg) (including mounting bracket) |
| Construction: | Aluminum and Stainless steel (V-bolts galvanized steel) |
| Shipping: | Supplied in 3" x 3" x 49" (7.6 x 7.6 x 125cm) box |

Horizontal Radiation Pattern

