

7157400

RHCP or dual linear | 8-Element Crossed Yagi | 58° | 10 dBd

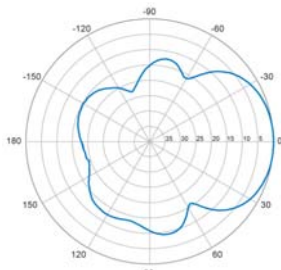
An 8-element UHF Yagi antenna for PMR/Trunked Radio, Broadcast, and TETRA applications. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions. Low IMP rated models provide consistently lower noise floor over the life of the antenna. Essentials for multi carrier transmission.

| Electrical Characteristics | |
|---------------------------------|--|
| Frequency band | 380-430 MHz |
| Bandwidth | ±6% (typical) |
| Polarization | RHCP* or dual linear |
| Horizontal beamwidth | 58° |
| Vertical beamwidth | 51° |
| Gain | 10 dBd |
| Impedance | 50Ω |
| VSWR | <1.4:1 |
| Front-to-back ratio | 15.1 dB max (typically better than 19 dB) |
| Maximum power | 150 W |
| Connector type | 2 / N-Female forward dipole - 2.9 m (9.5 ft) RG213 cable rear dipole - 3 m (9.8 ft) RG213 cable |
| Lightning protection | DC grounded |
| Mechanical Characteristics | |
| Materials | Boom, 32 mm (1.3 in) dia., aluminium Elements, 12.7 mm (0.5 in) dia., aluminium Balun, fully moulded enclosure |
| Dimensions (Length) | 1500 mm 59.1 in |
| Weight without bracket | 5.0 kg 6.6 lbs |
| Wind load @ 160 km/hr (100 mph) | 102 N 22.9 lbf |
| Mounting Options | |
| Mounting bracket | 3202078/68 + 3201079/00 |
| Alternate mounting brackets | 0900912/00, 0302032/68, or 0300064/00 + U-bolts to match mounting pipe diameter |

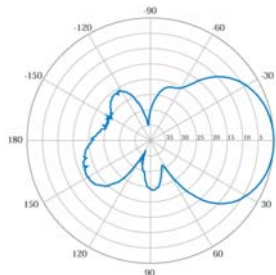


Please order Mounting Bracket separately.

*For RHCP order **MMU2405** Phasing Harness separately.



Horizontal



Vertical

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.