

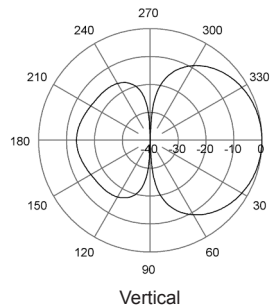
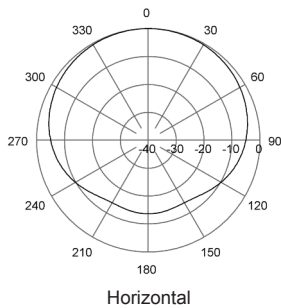
A 2-Element UHF Yagi antenna for PMR/Trunked Radio/TETRA networks. The driven element for this design is enclosed in a weather resistant plastic shroud to provide consistent, reliable performance in all weather conditions.

MA421PR01

V-Pol | 2-Element Shrouded Yagi | 145° | 2.5 dBd



| Electrical Characteristics | |
|---------------------------------|--|
| Frequency band | 400-440 MHz |
| Polarization | Vertical |
| Horizontal beamwidth | 145° |
| Vertical beamwidth | 70° |
| Gain | 2.5 dBd |
| Impedance | 50Ω |
| VSWR | <1.5:1 |
| Front-to-back ratio | >12 dB |
| Maximum power | 250 W |
| Connector type | N-Female + 0.65 coaxial cable |
| Lightning protection | DC grounded |
| Mechanical Characteristics | |
| Materials | Boom, 45 mm dia., aluminium Elements, 14 mm dia., aluminium Balun, enclosed in polyethylene shroud |
| Dimensions (Length) | 520 mm 20.5 in |
| Weight without bracket | 3.6 kg 7.9 lbs |
| Wind load @ 160 km/hr (100 mph) | 100 N 22.5 lbf |
| Mounting Options | |
| Mounting bracket | MA621AZ51 |



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.