

MA421LM02

V-Pol | 3-Element Shrouded Yagi | 115° | 4.0 dBd

Electrical Characteristics

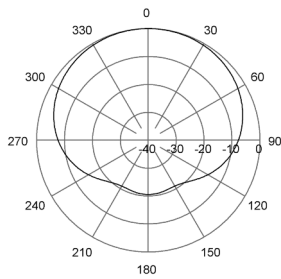
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|----------------------|-------------------------------|
| Frequency band | 156-175 MHz |
| Polarization | Vertical |
| Horizontal beamwidth | 115° |
| Vertical beamwidth | 67° |
| Gain | 4.0 dBd |
| Impedance | 50Ω |
| VSWR | <1.5:1 |
| Front-to-back ratio | >15 dB |
| Maximum power | 250 W |
| Connector type | N-Female + 0.65 coaxial cable |
| Lightning protection | DC grounded |

Mechanical Characteristics

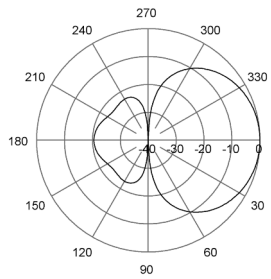
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|---------------------------------|---|----------|
| Materials | Boom, 45 mm dia., aluminium Elements, 14 mm dia., aluminium Balun, enclosed in glass fibre shroud | |
| Dimensions (Length) | 1100 mm | 43.3 in |
| Weight without bracket | 4.9 kg | 10.8 lbs |
| Wind load @ 160 km/hr (100 mph) | 250 N | 56.2 lbf |

Mounting Options

| | |
|------------------|-----------|
| Mounting bracket | MA621AZ51 |
|------------------|-----------|



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.