

## LPY108-88

FM Radio 87.5-108MHz

Log periodic Yagi

For applications requiring genuine broadband coverage across the entire FM Radio frequency range 87.5-108MHz, the LPY108-88 log periodic Yagi offers the ideal solution.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

| Specifications               | LPY108-88   |
|------------------------------|---|
| Construction                 | Fully-welded aluminium boom, elements and mount bracket                         |
| Frequency range              | FM Radio 87.5-108MHz  |
| Bandwidth                    | Full band   |
| VSWR                         | <2:1 across full band   |
| Tuning                       | Factory   |
| Gain                         | 7 dBi across full band  |
| Maximum power                | 200 Watts   |
| Impedance - nominal          | 50 Ohms   |
| Polarisation                 | Mount Horizontal or Vertical as required  |
| H Plane                      | 98°   |
| E Plane                      | 59°   |
| Front-to-back ratio          | >15 dB  |
| DC grounding                 | Yes   |
| Cable tail                   | 200mm RG58 stranded   |
| Connector - fitted           | N-type female   |
| Boom length                  | 1.32m   |
| Longest element              | 1.971m  |
| Weight                       | 2.6kg   |
| Projected area               | 0.101m <sup>2</sup>   |
| Wind load at 160kph          | 12.2Kg, 0.113kN   |
| Mounting hardware (supplied) | Welded mounting plate, 2 x V-blocks & 2 x 50mm diameter stainless steel U-bolts |

