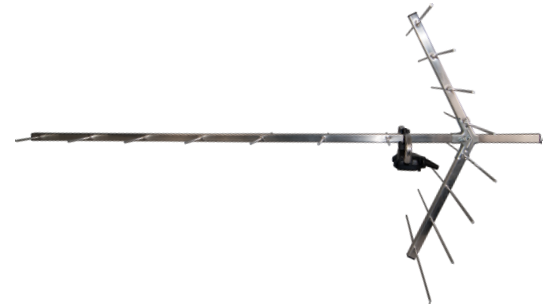
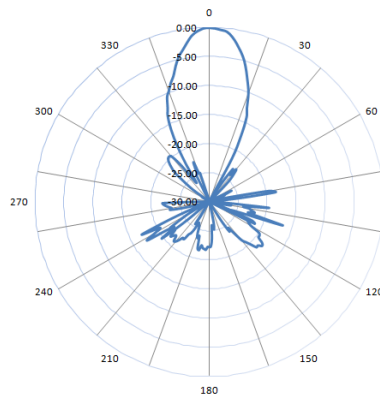
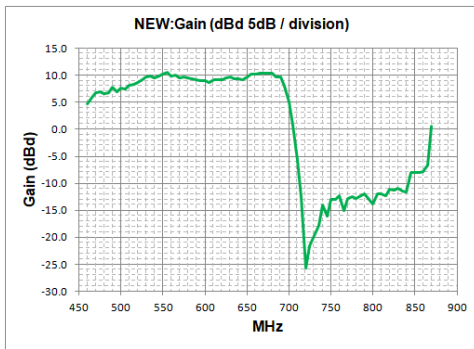


## Datasheet

123936 V12-16FAK 10P 16 element Yagi aerial Group AK Ch21-48 5G-700

- Tuned for UHF Group AK CH21-48 470-694MHz.
- Tuned to reject 5G-700LTE
- Lightweight one-piece boom for rigidity
- Galvanised mast-clamp for 25 to 50mm masts
- 4mm wire elements for low wind load & high strength
- F connector junction box with Supermatch™ balun
- “No-tools” assembly



| Model                    | V12-16FAK (123936) 10P   |
|--------------------------|--|
| Total no of Elements     | 16 including dipole, directors and reflector                       |
| No of director elements  | 7  |
| No of reflector elements | 4  |
| Balun                    | Vision Printed Circuit Supermatch™ Balun with F-Connector          |
| Junction Box             | Ventilated weather-proof ABS moulding with cable entry grommet     |
| Boom sizes               | 18mm seam welded aluminium boom                                    |
| Element material         | 4mm dia. aluminium wire with patented staking system               |
| Construction Material    | Magnesium aluminium alloy for high strength & corrosion resistance |
| Finish                   | De-greased, clean and polished aluminium                           |
| Clamp                    | Fixed galvanised steel clamp for 25mm to 50mm (1" to 2") masts     |
| Forward Gain             | 10.4dBd (12.54dBi)   |
| Frequency range MHz      | Wideband 470 - 694MHz (Ch21 – 48) Tuned to reject 5G700 LTE        |
| ½ power beam-width angle | ±15°   |
| Front / Back Ratio       | >22dB  |
| Cross Polar Rejection    | 20dB   |
| Weight kg                | 0.850  |
| Length mm                | 1160mm   |
| Maximum Width mm         | 500mm  |
| Height mm                | 270mm (reflector)  |
| Packaging                | Individual aerial in poly bag – 10 pieces                          |

\*Note: Dependent on local conditions and signal levels, 5G/700-LTE interference may only be fully rejected with additional external filter

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