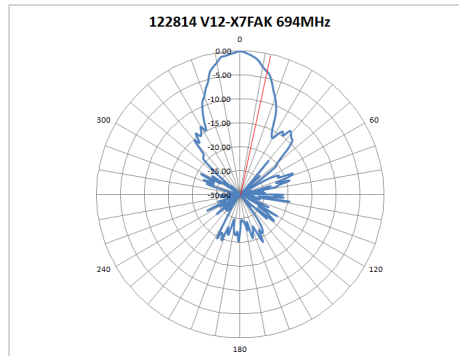
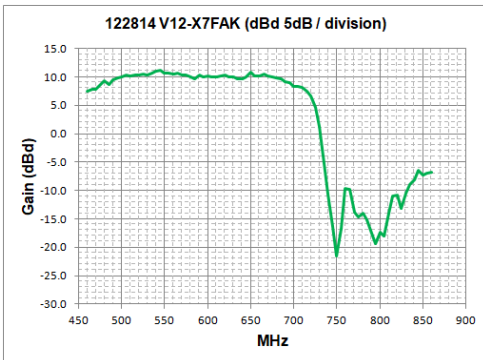


## Datasheet

**125041 V12-X7FAK 40 element High Gain Aerial Group AK Ch21-48 5G-700**  
**122797 V12-X7FAK 5P 40 element High Gain Aerial Group AK Ch21-48 5G-700**

- Tuned for Group AK CH21-48 470-694MHz.
- Tuned to reject 5G-700LTE
- High Gain and directivity with large reflector
- Two-piece boom
- 18mm boom for strength and rigidity
- Galvanised mast-clamp for 25 to 50mm masts
- 4mm wire elements for low wind-loading
- F-Connector Supermatch™ balun
- Part pre-assembled “No-tools” assembly
- Individually Boxed 122814 and 5 Pack (5P) 122797



Model	V12-X7FAK (125041) V12-X7FAK 5P (122797)
Total no of Elements	40 including dipole, directors and reflector
No of director elements	7 bays of 4
No of reflector elements	5
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 60mm (1" to 2 1/4") masts
Forward Gain	13dBd (15.15dBi)
Frequency range MHz	Wideband 470 - 694MHz (Ch21 – 48) Tuned to reject 5G700 LTE
½ power beam-width angle	±12°
Front / Back Ratio	>20dB
Cross Polar Rejection	>18dB
Weight kg	1.251
Length mm	980mm
Maximum Width mm	500mm
Height mm	486mm (reflector)
Packaging (L x W X H)	Individual boxed aerial 545 x 385 x 115 mm – Carton of 5 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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