

## Datasheet

**UHF Log-Periodic TV Aerials with patented "Stub-Tuning" for 4G-800 Group "T" Ch21 – 60**

**124174 V10-L28FT 10P Log Compact with rear mounted F connector**

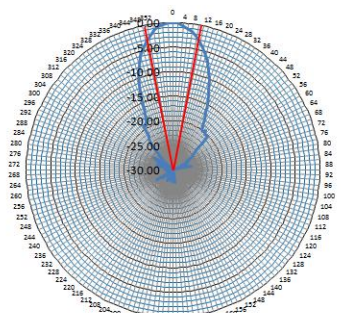
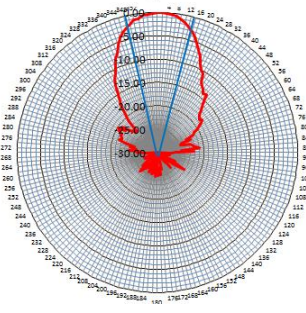
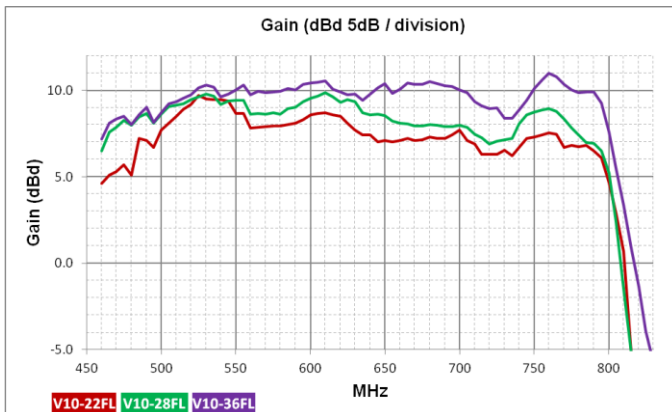
**120111 V10-L36FT Log Standard with rear mounted F connector**

**120128 V10-L36FT 10P Log Standard with rear mounted F connector**

- Choice 28 10P & 36 individual and 10P Element Log-Period UHF TV Aerials
- Flat 8.5dBd (10.65dBi) ± 1.5dB gain (V10-L28FT)
- Flat 10.0dBd (12.15dBi) ± 1.0dB gain (V10-L36FT)
- European Patent EP2549587 "Stub-Tuning"
- High out-of-band rejection with negative gain
- For weak, medium and strong signal areas with high directivity
- Lightweight, low wind load design



V10-L28FT, V10-L36FT  
Rear Cable mount



| Model  | V10-L28FT  | V10-L36FT                      |
|--|--|--------------------------------|
| Total no of Elements                               | 28   | 36                             |
| Cable Connection                                   | Pre-wired boom with F connector and heavy duty weatherproofing boot  |                                |
| Boom sizes / Element Material / Construction       | 2 x 14mm / 4mm dia aluminium wire / Magnesium aluminium alloy        |                                |
| Mast Clamp vertical / horizontal mounting          | Heavy duty dual boom with galvanised steel clamp up to 60mm (2 1/4") |                                |
| Forward Gain dBd : (typical)                       | 8.5dBd ±1.5dB (10.65dBi)   | 10.0dBd ±1dB (12.15dBi)        |
| Frequency range MHz                                | 470 - 790MHz Ch21 to 60 GROUP T                                      |                                |
| Gain at 4G-800 LTE band measured at 830MHz         | -10dB ( -17dB lower than Ch60 )                                      | -5dB ( -15dB lower than Ch60 ) |
| Acceptance Angle (half-power beam-width) ( H / V ) | H ±16° / V ±15° @ 790MHz   | H ±12° / V ±15° @ 790MHz       |
| Front / Back Ratio at 630MHz                       | >32dB  | >34dB                          |
| Cross Polar Rejection                              | >17dB  | >17dB                          |
| Wind load at 120km/h                               | 2.7kg (24.5N)  | 3.5kg (31.5N)                  |
| Dimension L x W x H mm                             | 1110mm x 305mm x 50mm  | 1280mm x 305mm x 50mm          |
| Packaging / Packed Weight                          | Carton of 10pcs / 8kg  | 1 per carton 1.5kg, 10P        |

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