

## Datasheet

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

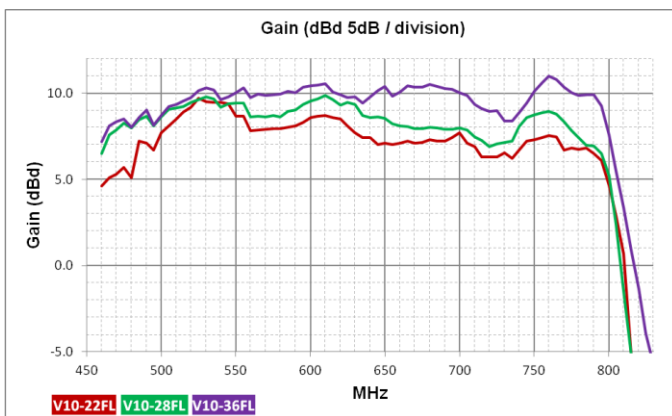
**V10-22FL Log Compact with rear mounted F connector**

**V10-28FL Log Standard with rear mounted F connector**

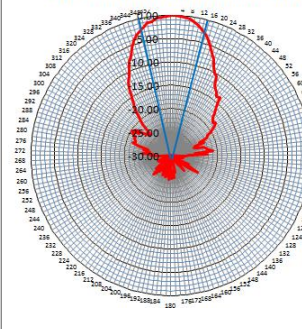
**V10-36FL Log Super with rear mounted F connector**

- Choice of 22, 28 & 36 Element Log-Period UHF TV Aerials
- Flat 7.0dBd (9.15dBi) ± 1.5dB gain (V10-22FL)
- Flat 8.5dBd (10.65dBi) ± 1.5dB gain (V10-28L)
- Flat 10.0dBd (12.15dBi) ± 1.0dB gain (V10-36L)
- 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

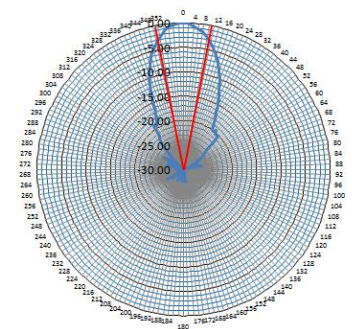
# NEW



V10-28L Horizontal Polar Plot



V10-36L Horizontal Polar Plot



Model	V10-22FL Log Compact	V10-28L Log Standard	V10-36L Log Super
Total no of Elements	22	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	Single boom mounting with galvanised 55mm V / H mast clamp	Heavy duty dual boom with galvanised steel clamp up to 60mm (2 1/4")	
Forward Gain dBd : (typical)	7.2dBd ± 1.5dB (9.35dBi)	8.5dBd ± 1.5dB (10.65dBi)	10.0dBd ± 1dB (12.15dBi)
Frequency range MHz	470 - 790MHz Ch21 to 60		
Gain at 4G-800 LTE band measured at 830MHz	-10dB ( -19dB lower than Ch60 )	-10dB ( -17dB lower than Ch60 )	-5dB ( -15dB lower than Ch60 )
Acceptance Angle (half-power beam-width) ( H / V )	H ±19° / V ±15° @ 790MHz	H ±16° / V ±15° @ 790MHz	H ±12° / V ±15° @ 790MHz
Front / Back Ratio at 630MHz	>30dB	>32dB	>34dB
Cross Polar Rejection	>17dB	>17dB	>17dB
Wind load at 120km/h	2.3kg (20.5N)	2.7kg (24.5N)	3.5kg (31.5N)
Dimension L x W x H mm	950mm x 305mm x 50mm	1110mm x 305mm x 50mm	1280mm x 305mm x 50mm
Packaging / Packed Weight	Carton of 10pcs 7.0kg	Carton of 10pcs / 8kg	1 per carton 1.5kg

*In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press. 05/03/2015 issue 2 E&OE © Vision Products (Europe) Ltd 2015.*

