



# Product Data Sheet

Temporary Clip Dipole Antenna

# Private Mobile Radio

## Temporary Clip Dipole Antenna



### CDV

Rugged construction

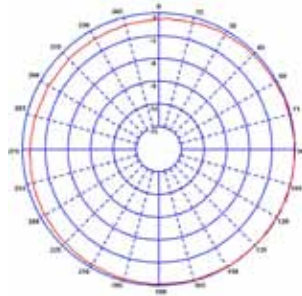
Fast installation

Moulded in coaxial cable

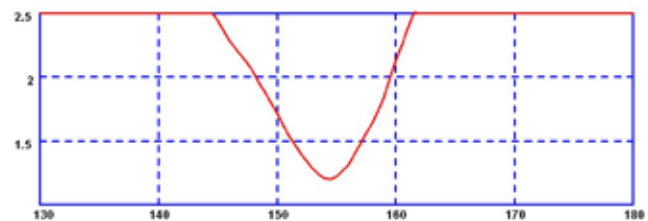
The performance and scope of portable equipment can often be considerably improved by extending the antenna to a more efficient height. Spring clip antennas provide an easy way to do this.

The jaws of the spring clip are moulded in nylon and are fully adjustable for any angle. The antenna features a fully moulded coaxial connector for weather protection and resilience.

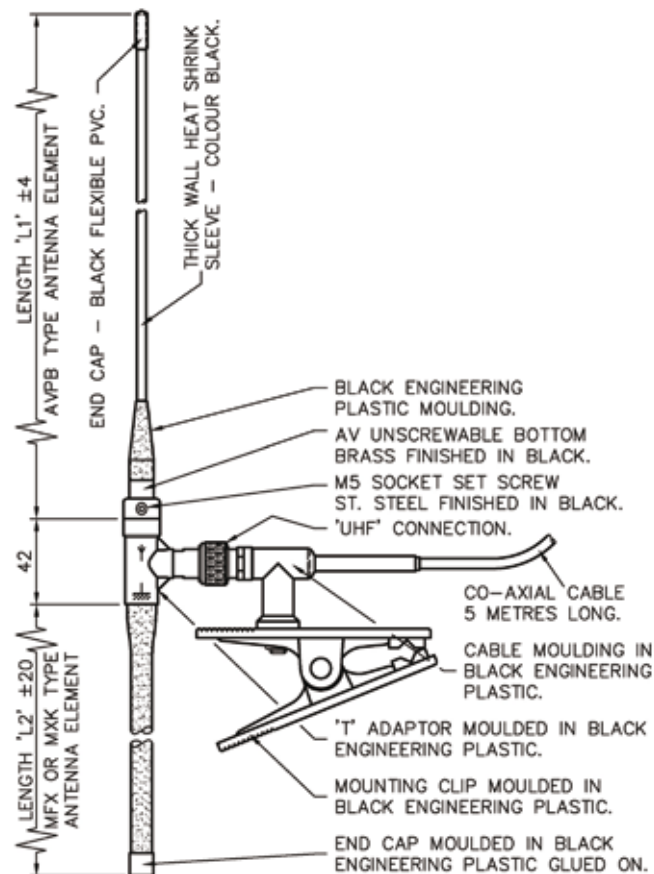
H-Plane (154MHz)



Typical VSWR



### Technical Drawing



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Part No.									
	CDV-E3	CDV-E4	CDV-E5	CDV-H3	CDV-H4	CDV-H5	CDV-H6	CDV-H7	
<b>Electrical Data</b>									
Frequency Range (MHz)	67-74	74-81	81-88	132-143	141-151	149-159	156-162	162-174	
Operational Band	E3	E4	E5	H3	H4	H5	H6	H7	
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	
Compared to ¼ wave	0dB	0dB	0dB	0dB	0dB	0dB	0dB	0dB	
VSWR	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	
Polarisation	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	
Impedance	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	
Max Input Power (W)	25	25	25	25	25	25	25	25	
<b>Mechanical Data</b>									
Dimensions (mm)	Total Length	1410	1212	1089	737	701	665	612	590
	'L1' length	1190	995	890	535	504	478	430	411
	'L2' length	185	175	157	160	155	145	140	137
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	
Colour	Black	Black	Black	Black	Black	Black	Black	Black	
<b>Cable Data</b>									
Type	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	
Length (m)	5	5	5	5	5	5	5	5	

Part No.									
	CDV-JRC	CDV-K5	CDV-K6	CDV-K7	CDV-M	CDV-N	CDV-P	CDV-R	
<b>Electrical Data</b>									
Frequency Range (MHz)	139-157	174-192	192-208	208-225	245-275	270-300	300-336	330-366	
Operational Band	JRC	K5	K6	K7	M	N	P	R	
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi	
Compared to ¼ wave	0dB	0dB	0dB	0dB	0dB	0dB	0dB	0dB	
VSWR	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	Tx ≤ 1.5:1, Rx ≤ 2:1	
Polarisation	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	
Impedance	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	
Max Input Power (W)	25	25	25	25	25	25	25	25	
<b>Mechanical Data</b>									
Dimensions (mm)	Total Length	694	542	498	458	366	375	326	302
	'L1' length	497	372	341	311	242	260	219	200
	'L2' length	155	128	115	105	82	72	65	60
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	
Colour	Black	Black	Black	Black	Black	Black	Black	Black	
<b>Cable Data</b>									
Type	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	URM 76	
Length (m)	5	5	5	5	5	5	5	5	

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