



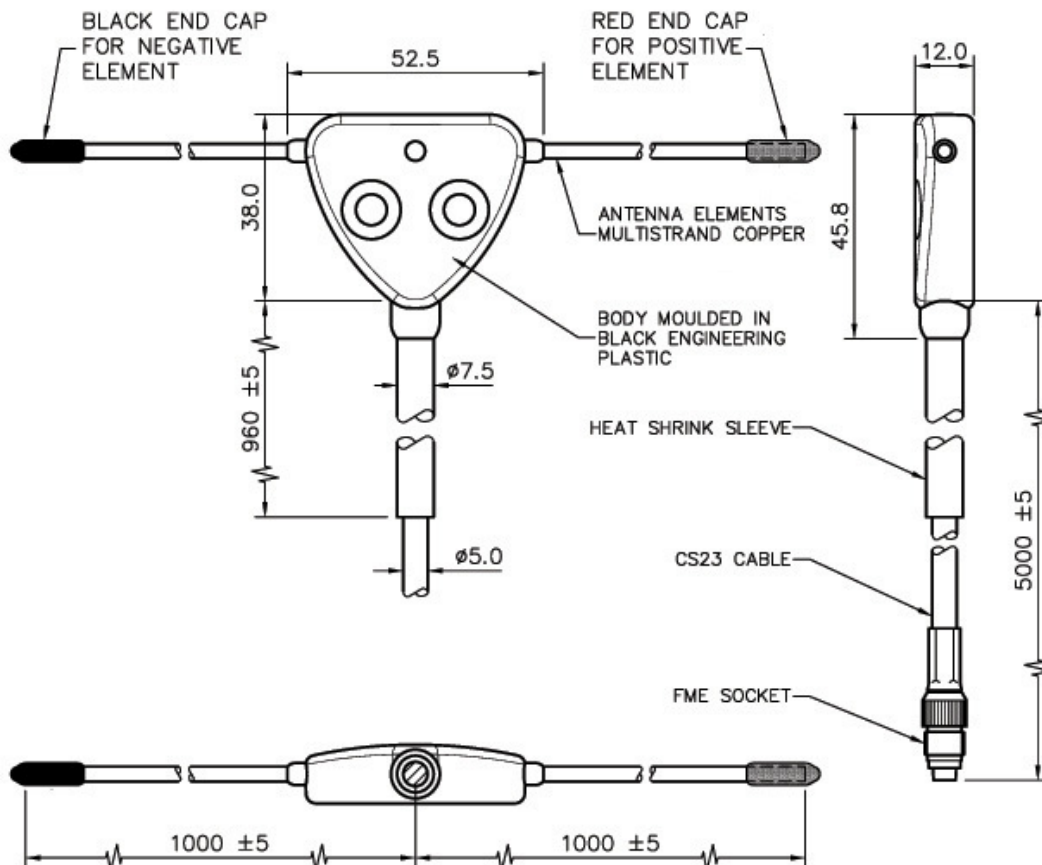
- Dipole construction
- Covert bumper mounting
- Flexible wire elements for easy positioning

The covert vehicle dipole antenna is specifically designed for installations where the presence of an antenna must be undetectable.

This specialist antenna can be tuned across a range of frequencies from 66-88MHz (VCD-VL) 130-175MHz (VCD-VH) and 380-430MHz (VCD-S1) when fitted simply by cutting down the radiating elements. Tuning on the vehicle ensures that a good VSWR match can be achieved in the installed location [with a bandwidth of approximately 8% of centre frequency.]

Technical Drawing

VCD-VL-5F shown.



Part No.			
	VCD-VL-5F	VCD-VH-5F	VCD-S1-5F
Electrical Data			
Frequency Range (MHz)	68-88	130-175	380-430
Typical Tuned Bandwidth @2:1 VSWR		8%	
Peak Gain: Isotropic		2dBi (In free space)	
Compared to ¼ wave		0dB	
Impedance		50Ω	
Max Input Power (W)		100	
Mechanical Data			
	Antenna element combined length uncut	2000 (78.7")	1000 (39.3") 330 (13")
Dimensions (mm)	Length		38 (1.5")
	Width		52.5 (2")
	Diameter		12 (0.5")
Operating Temp (°C)		-40°/+80°C (-40°/176°F)	
Body	Material		TPE
	Colour		Black
Positive antenna element	Material		Insulated multi strand copper wire
	Colour		Red
	Cap colour		Red
Negative antenna element	Material		Insulated multi strand copper wire
	Colour		Red
	Cap colour		Black
Cable Data			
Type		CS23	
Length (m)		5 (17')	
Diameter (mm)		5 (0.2")	
Termination		FME socket (other connectors & adaptors available)	
Mounting Data			
Fixing		Bumper/Wing	



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