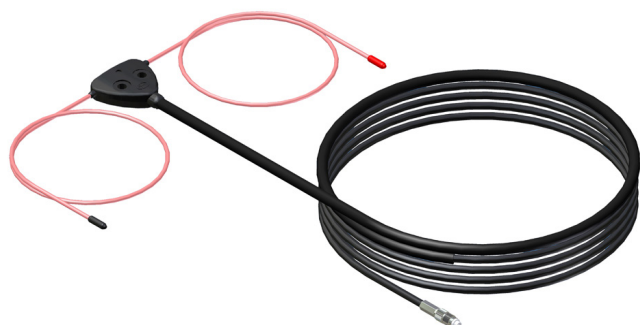


Private Mobile Radio Covert Vehicle Dipole Antenna

VCD-[X]-5B

PANORAMA ANTENNAS



VCD-[X]-5B

Dipole construction

Covert bumper mounting

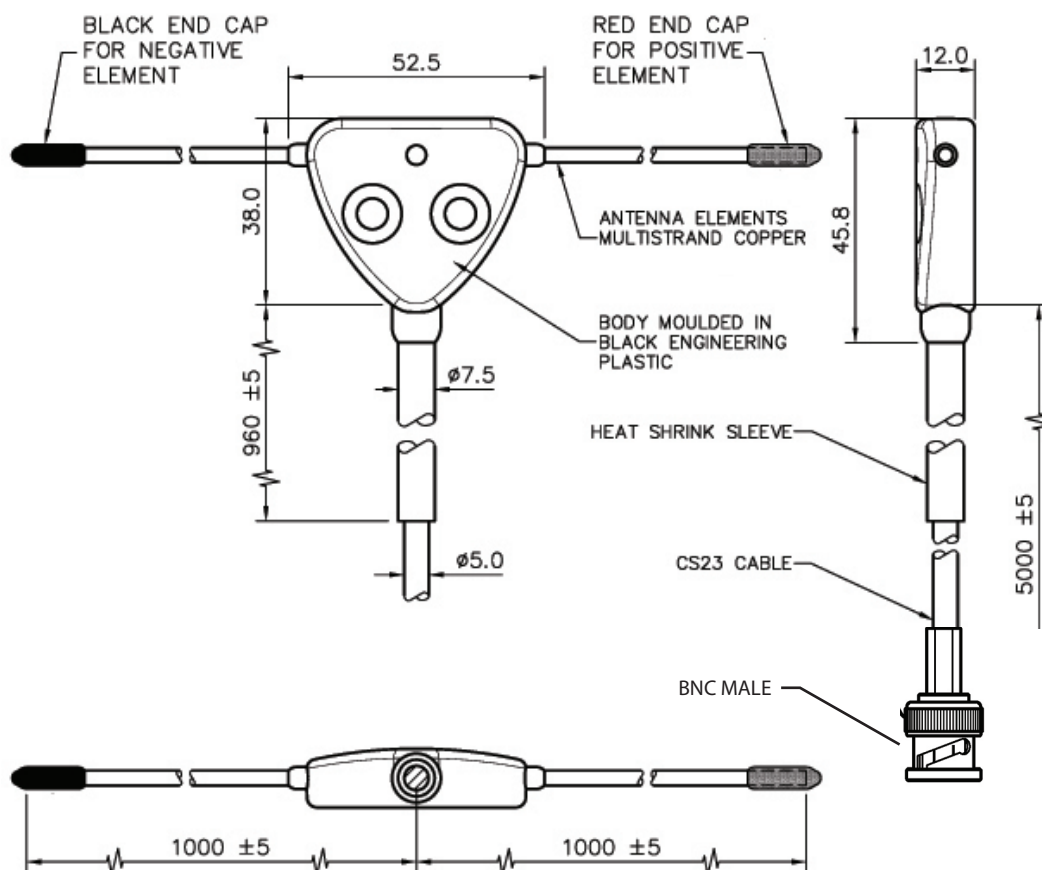
Flexible wire elements for easy positioning

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 380-400MHz (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-5B shown



Private Mobile Radio Covert Vehicle Dipole Antenna

VCD-[X]-5B

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Product Data

Part No.		VCD-VL-5B	VCD-VH-5B	VCD-S1-5B	VCD-TET-5B
Electrical Data					
Frequency Range (MHz)		68-88	130-175	380-400	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					
Dimensions (mm)	Antenna element combined length uncut	2000 (78.7")	1000 (39.3")	330 (13")	320 (12.6")
	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		BNC Male (other connectors & adaptors available)			
Mounting Data					
Fixing		Bumper/Wing			