

Dipole antenna

Tunable to individual user

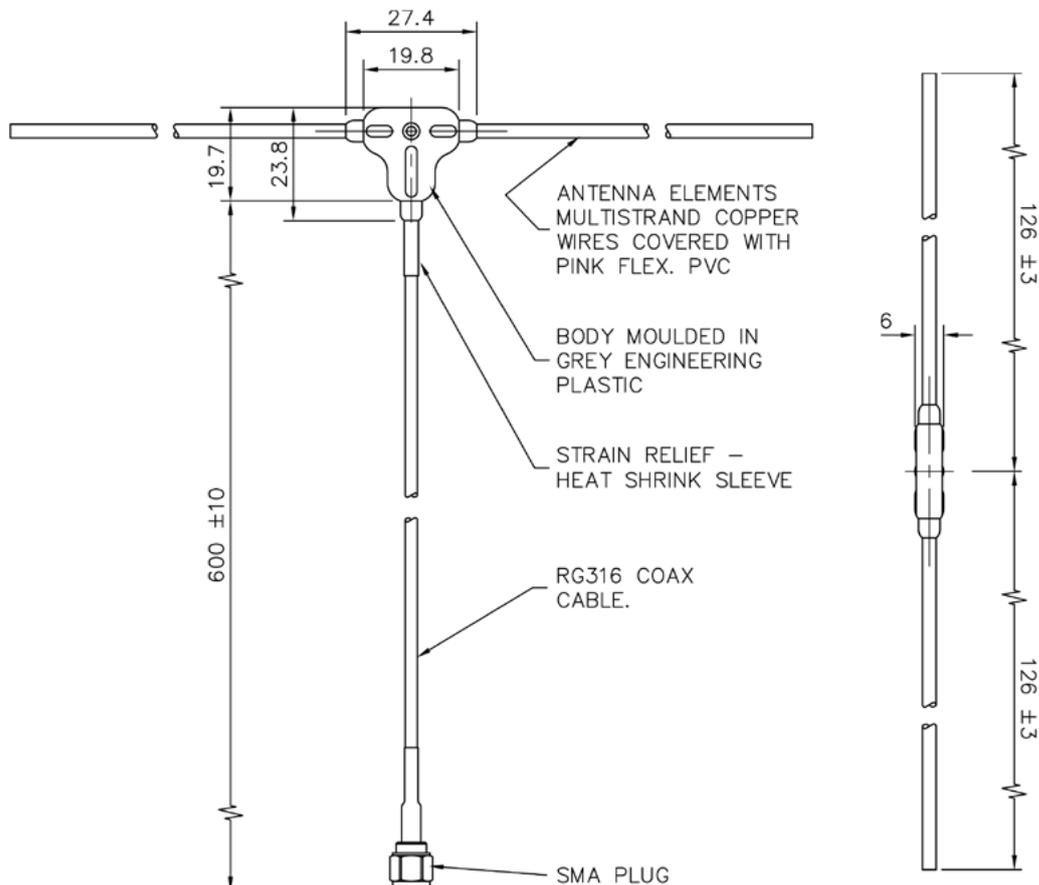
Flexible wire elements

The Body Worn Dipole Antenna is specifically designed for undercover operations.

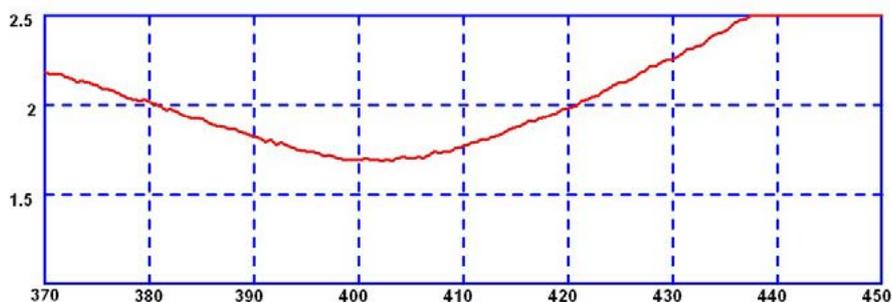
The wires are taped to a person's body so that their appearance is as discreet as possible. The antenna is worn across the shoulders and down the back.

Once in position, the antenna is tuned to the required frequency so that optimal performance can be achieved.

Technical Drawing



Typical VSWR*



*BWDT-TET VSWR shown for illustration when mounted on a user. Actual performance may vary when mounted.

Part No.		BWDT-S1-SP	BWDT-S2-SP	BWDT-TET-SP	BWDT-495-SP	BWDT-815-SP
Electrical Data						
Frequency Range (MHz)		380-400	410-430	380-430	470-520	760-890
Peak Gain (In Free Space)		2dBi				
Nominal Polarisation		Vertical				
Configuration		Flexible ½ wave dipole				
Impedance		50Ω				
Max Input Power (W)		10				
Mechanical Data						
Dimensions (mm)	Length	23.8 (0.93")				
	Width	27.4 (1.08")				
	Height	6 (0.24")				
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)				
Material		TPE				
Colour		Grey				
Antenna Elements						
Antenna element length (mm)		2 x 135 (5.3")	2 x 124 (4.9")	2 x 126 (4.9")	2 x 106 (4.2")	2 x 70 (2.7")
Type		Multistrand copper wires				
Colour		Pink				
Cable Data						
Type		RG316 coaxial cable				
Length (m)		0.6 (2')				
Termination		SMA Plug				

*Panorama recommends that users should conduct a risk assessment related to the actual power and installation location being utilised.

Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.

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