

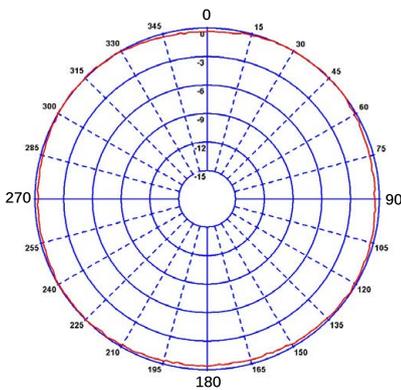


- Rugged construction
- Quick fit clip installation
- Integrated coaxial cable

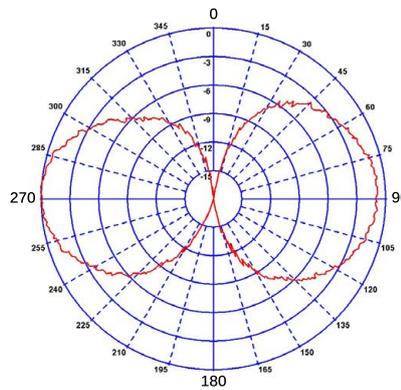
The performance and range of portable equipment can often be considerably improved by better positioning of the antenna. Spring clip antennas provide an easy way to do this, providing elevation and clearance from surrounding objects. The combination of better positioning with the performance of an end fed 1/2 wave antenna makes the CD range ideal for temporary and semi permanent applications.

The jaws of the spring clip are moulded in nylon and are fully adjustable for any angle. The antenna is protected from the elements by a weather protective moulding around the coaxial feeder cable.

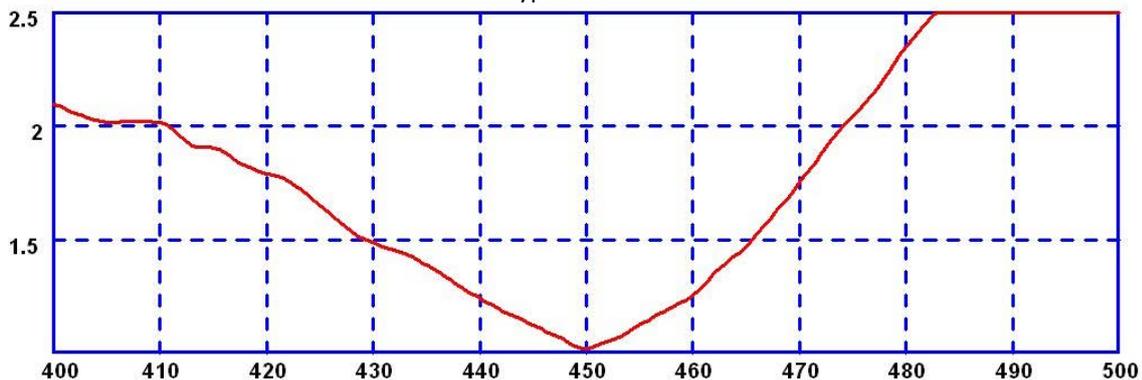
Typical H-Plane (450MHz)



Typical E-Plane (450MHz)

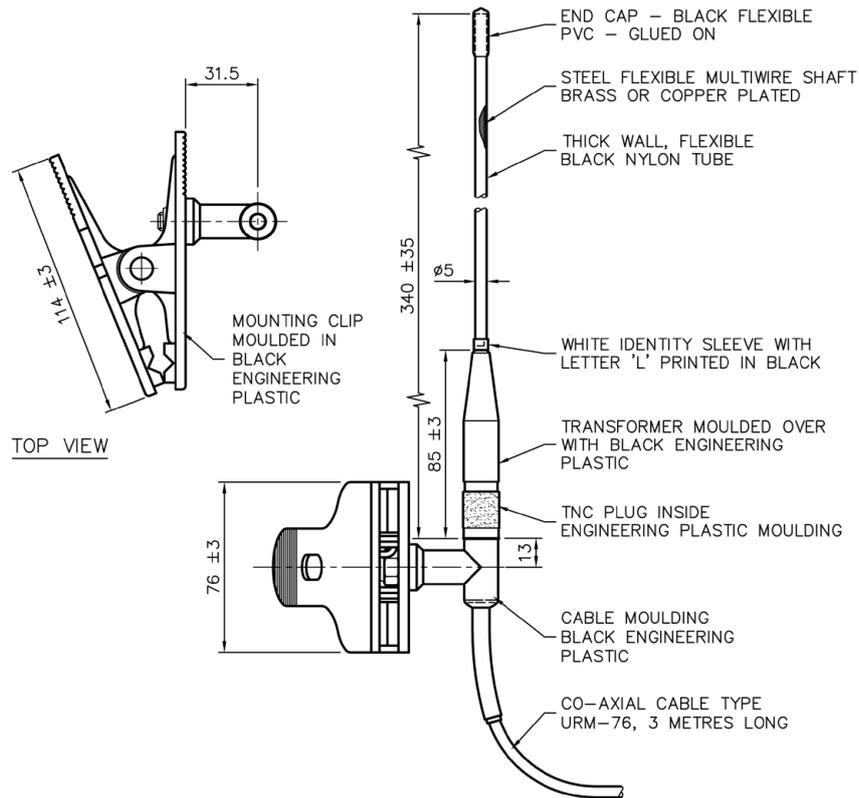


Typical VSWR\*



\*Measured in free space with 3m (9.8') CS23 cable

## Technical Drawing



### Part No.

CD451

### Electrical Data

Frequency Range (MHz)	410 - 475
Operational Band	U
Peak Gain: Isotropic	3dBi
Compared to ¼ wave	1dB
Typical VSWR	< 2:1
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	5

### Mechanical Data

Total length (mm)	340 ( 13" )
Operating Temp (°C)	-40° / +80°C (-40° / 176°F)
Colour	Black

### Cable Data

Type	CS23
Length (m)	3 ( 9.8' )
Diameter (mm)	5 ( 0.2" )

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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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