

UHF CB Base Station Antenna

M1COL5N / M1COL8N

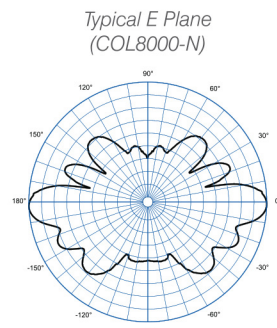
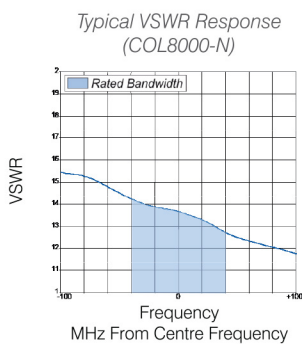


These high gain base station antennas cover the 477MHz band and are ideal for extending radio coverage of your 477MHz UHF CB radio. They are designed around leading patented Meander™ PCB technology incorporating excellent gain, pattern stability, and light weight construction, making these antennas a perfect fit for any base station installation.

The COL5N & COL8N are supplied with an integrated N type female connector integrated into the mounting tube.

Features:

- Unique patented Meander PCB for excellent RF characteristics.
- Excellent pattern stability
- Rugged lightweight construction for easy installation
- Supplied pre-tuned



Electrical Specifications

Model Number	M1COL5N	M1COL8N
Nominal Gain <i>dBi</i> (<i>dBd</i>)	5 (3)	8 (6)
Frequency <i>MHz</i>	475-478	475-478
Tuned Bandwidth	Full	Full
VSWR (Return Loss)	< 1.5:1 (14dBd)	< 1.5:1 (14dBd)
Nominal Impedance Ω	50	50
Vertical Bandwidth	38°	15°
Horizontal Beamwidth	Omni-directional	Omni-directional
Input Power <i>W</i>	25	25

Mechanical Specifications

Model Number	M1COL5N	M1COL8N
Construction	Tapered black radome with stainless steel mounting tube	
Mounted Length <i>mm</i>	1095	2166
Radome Diameter <i>mm</i>	16-22	
Weight <i>kg</i>	0.45	1.11
Termination	Integrated N(F) connector	
Mounting Area <i>mm</i>	300	
Wind Load (Thrust) @ 160kph <i>Nm</i>	60	142
Torque @ 160kph <i>Nm</i>	22	110

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