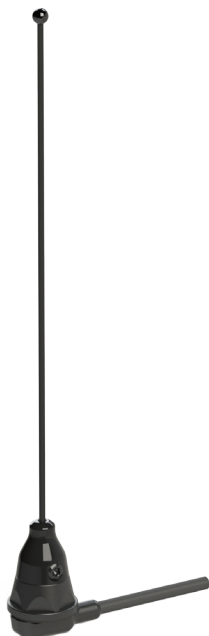


# TETRA M8 Vehicle Base & Whip Antennas



The new Laird Technologies M8 vehicle mount for TETRA whip antennas reaffirms a commitment to the Public Safety and Land Mobile Radio market. The M8 vehicle mount base is an industry standard and whip antennas can be easily interchanged due to the modularity of the design.

The Laird Technologies M8 base and whips are molded with high impact, UV resistant polycarbonate material and use high-quality coaxial cables and connectors.

## FEATURES

- Designed for rugged environments
- Rigid stainless steel or flexible molded whips
- Easy to install both inside and outside the vehicle
- Modular design for interchangeability
- Multiple cable types & connector

## APPLICATIONS

- Public Safety
- PMR
- TETRA & TETRAPOL



## SPECIFICATIONS

BASE		ANTENNA	
Height Above Ground	23 mm	Pattern	Omni-Directional
Installation Hole Dia	18 mm	Maximum Power	50 Watts
Operating Temperature	-40°C - 85°C	Nominal Impedance	50 Ohm
Body Material	HDPE (UV Stabilized)	Polarization	Vertical
Lock Material	Stainless Steel	VSWR	2.0:1 measured at feed point
Gasket Material	PU UV Grade	Termination	M8
Hardware Material	Stainless Steel	Ground Plane	Ground Plane Dependant
Color	Black	Color	Black
Cable Type	RG58A/U other options are available	Material	Rigid Whip: 17-7PH Stainless Steel
Connector	Interchangeable		Flexible Whip: Polyurethane Injection Molded



## BASE SPECIFICATIONS

PART NUMBER	CABLE TYPE	CABLE LENGTH	CONNECTOR
MTEN350NA-001	ATX195 (low loss RG58)	3.5m (11.48ft)	No Connector (multiple connectors available)
MTEN500NA-001	ATX195 (low loss RG58)	5m (16.40ft)	
MTEF350NA-001	RG58A/U	3.5m (11.48ft)	
MTEF500NA-001	RG58A/U	5m (16.40ft)	
MTEG350NA-001	RG58U	3.5m (11.48ft)	
MTEG500NA-001	RG58U	5m (16.40ft)	

## ANTENNA SPECIFICATIONS

MODEL	FREQUENCY RANGE (MHZ)	PEAK GAIN	OVERALL ANTENNA HEIGHT
Rigid Whip Series			
WFB300	300 MHz - 334 MHz	2 dBi	8.91 in / 22.6 cm
WFB350	350 MHz - 370 MHz	2 dBi	7.75 in / 19.7 cm
WFB380	380 MHz - 430 MHz	2 dBi	6.91 in / 17.6 cm
WFB450	450 MHz - 470 MHz	2 dBi	6.16 in / 15.7cm
WFB480	480 MHz - 520 MHz	2 dBi	5.66 in / 14.4 cm
Flexible Whip Series			
EXC3001M8-001	300 MHz - 334 MHz	2 dBi	8.25 in / 21.0 cm
EXC3501M8-001	350 MHz - 370 MHz	2 dBi	7.50 in / 19.1 cm
EXC3801M8-001	380 MHz - 430 MHz	2 dBi	6.62 in / 16.8 cm
EXC4501M8-001	450 MHz - 470 MHz	2 dBi	6.06 in / 15.4cm
EXC4801M8-001	480 MHz - 520 MHz	2 dBi	5.50 in / 14 cm

### ANT-DS-TETRA-M8-Base 1013

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