

**M and MB Series
UHF Whips**

Frequency
400 – 520 MHz

Bandwidth
20 MHz



These UHF whips offer excellent performance with 6.2 dBi gain. Factory tuned in various 20 MHz segments, they can be fitted to any antenna base with 5/16"–26 TPI thread and mounted in numerous locations, either fixed or mobile.

- ⇒ **M series** whips are stainless steel with a phasing coil, brass ferrule and black powder coat finish.
- ⇒ **MB series** are a fibreglass whip with copper braid, black heat shrink covering and chrome plated brass ferrule. These are well suited in situations where severe vibration is often encountered.

SPECIFICATIONS	M series	Frequency	MB series
M410	70 cm, Black Tip	400 – 420 MHz	73 cm, White Band MB410
M430	65 cm, Brown Tip	420 – 440 MHz	71 cm, Brown Band MB430
M460	60 cm, Red Tip	450 – 470 MHz	63 cm, Red Band MB460
M480	56 cm, Blue Tip	470 – 490 MHz	60 cm, Blue Band MB480
M510	53 cm, Yellow Tip	500 – 520 MHz	59 cm, Yellow Band MB510
Construction	Stainless steel with phasing coil, brass ferrule, black powder coat finish		Fibreglass, black heatshrink, chrome plated brass ferrule
Tuning	All models are factory tuned to less than 1.5:1 VSWR full band		
Nominal Gain	6.2 dBi		6.2 dBi
Maximum Power	50 Watts		50 Watts
Impedance	50 Ohms		50 Ohms
Polarisation	Vertical		Vertical
Mount Ferrule	5/16"–26 TPI thread		5/16"–26 TPI thread
Packed Weight	78 grams		80 grams



Mounting bases recommended and available separately



OB-2

Australian Standard UHF OB Base, Black, 5/16"–26 TPI thread, no cable, no connector



OB4.7

OB-2 Base, Black, 4.7 metres RG58 low loss stranded cable, UHF male solder connector supplied (not fitted)



MGB-OB

Magnetic OB-2 Base, steel with polished black powder coat finish, 10.5 cm diameter, heavy duty magnet, PVC matted pad on bottom, 4.7 metres RG58 low loss stranded cable side exits, no connector

All these antenna mounting bases will require a metal ground plane for effective performance.

MS Base



The "MS Base" medium duty stainless steel spring with 5/16"–26 TPI male and female threads will suit any mobile whip being mounted onto our OB-2 antenna bases. Screw the spring onto the base and the whip onto the spring.

- ⇒ 60 mm tall x 20 mm diameter.
- ⇒ 5/16"–26 TPI male and female threads.