

M and MB Series

Black stainless steel or fibreglass phased coil whips

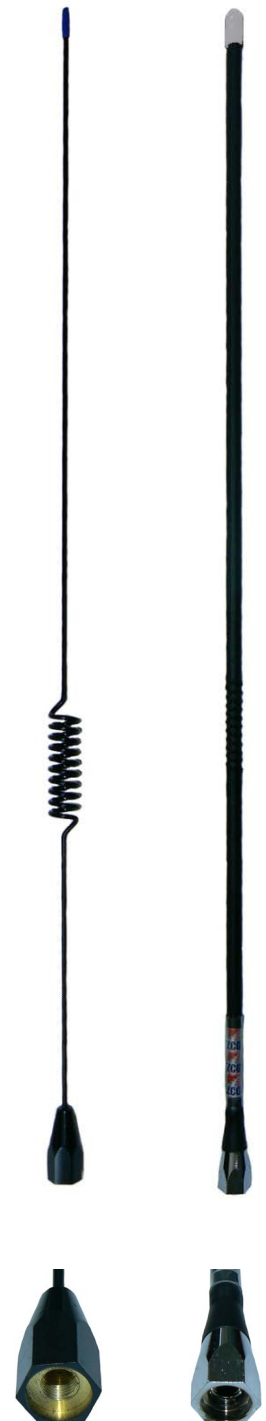
UHF/TETRA 400-520MHz


In-stock
Ready to
Ship
* Signifies build to
order item

These range of UHF whips offer both excellent performance with medium nominal gain, with the flexibility to be used in either vehicle or fixed position locations.

Mounting hardware, adaptors, cable assemblies and other installation accessories are all available separately.

	M series stainless steel whips	MB series fibreglass whips
Construction	Powder-coated black 17-7PH stainless steel whip and mount ferrule	Black heatshrunk fibreglass, chrome ferrule - <u>also available in white upon request</u>
Frequency range	M390 - 380-400MHz* M410 - 400-420MHz M430 - 420-440MHz M460 - 450-470MHz M480 - 470-490MHz M510 - 500-520MHz	MB410 - 400-420MHz* MB430 - 420-440MHz* MB460 - 450-470MHz MB480 - 470-490MHz MB510 - 500-520MHz*
VSWR	<1.5:1 across selected frequency range	
Tuning	Factory	
Gain - nominal	6.2dBi	
Maximum power	50 Watts	
Impedance - nominal	50 Ohms	
Polarisation	Vertical	
Height and cap colour/identification	M390 - 750mm, black tip M410 - 700mm, black tip M430 - 650mm, brown tip M460 - 600mm, red tip M480 - 560mm, blue tip M510 - 530mm, black tip	MB410 - 730mm, white band MB430 - 710mm, brown band MB460 - 630mm, red band MB480 - 600mm, blue band MB510 - 590mm, yellow band
Mount ferrule thread	internal 5/16"-26 TPI female	
Weight	78grams	80grams
Mounting hardware order separate	Cable base: OB-4.7 for 4.7m or OB-8.0 for 8.0m Magnetic base: MGB-OB	
Mounting position recommended	Mount as high on your vehicle or structure as possible using the appropriate cable assembly and 16mm hole bracket or magnetic base	
Installation tools required	15mm spanner for whip securing onto base	

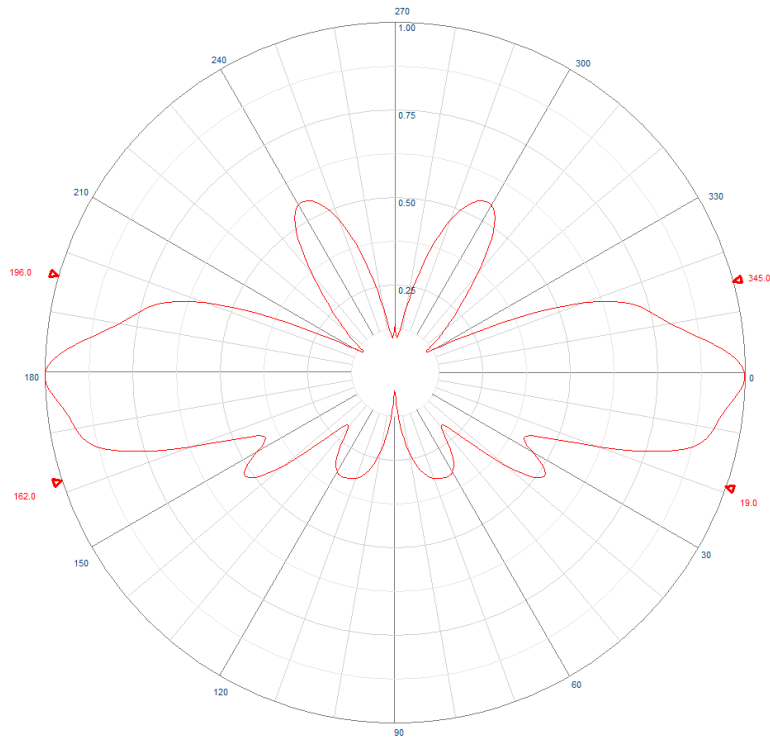


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Example radiation pattern MB460 on elevated feed base


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Recommended mounting hardware



OB-4.7 - Australian standard OB base with 4.7 metres MIL-SPEC RG58 cable and UHF Male PL259 supplied, not fitted

16mm mount hole

Requires 11mm spanner



MGB-OB - Magnetic base with Australian standard OB base, 4.7 metres MIL-SPEC RG58 cable, no connector

105mm diameter



OB-2 - Australian standard OB base with 5/16"-26TPI male thread

16mm mount hole

Requires 11mm spanner



MS Base - Stainless steel parallel spring with 5/16"-26TPI male thread and female thread

requires OB base

Additional installation accessories



BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBKB-B - Rhino knock down antenna mount, powder coated black

17mm mount hole with cable slot



ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment

16mm mount hole

Black or Chrome

Includes 5mm and 2mm allen keys

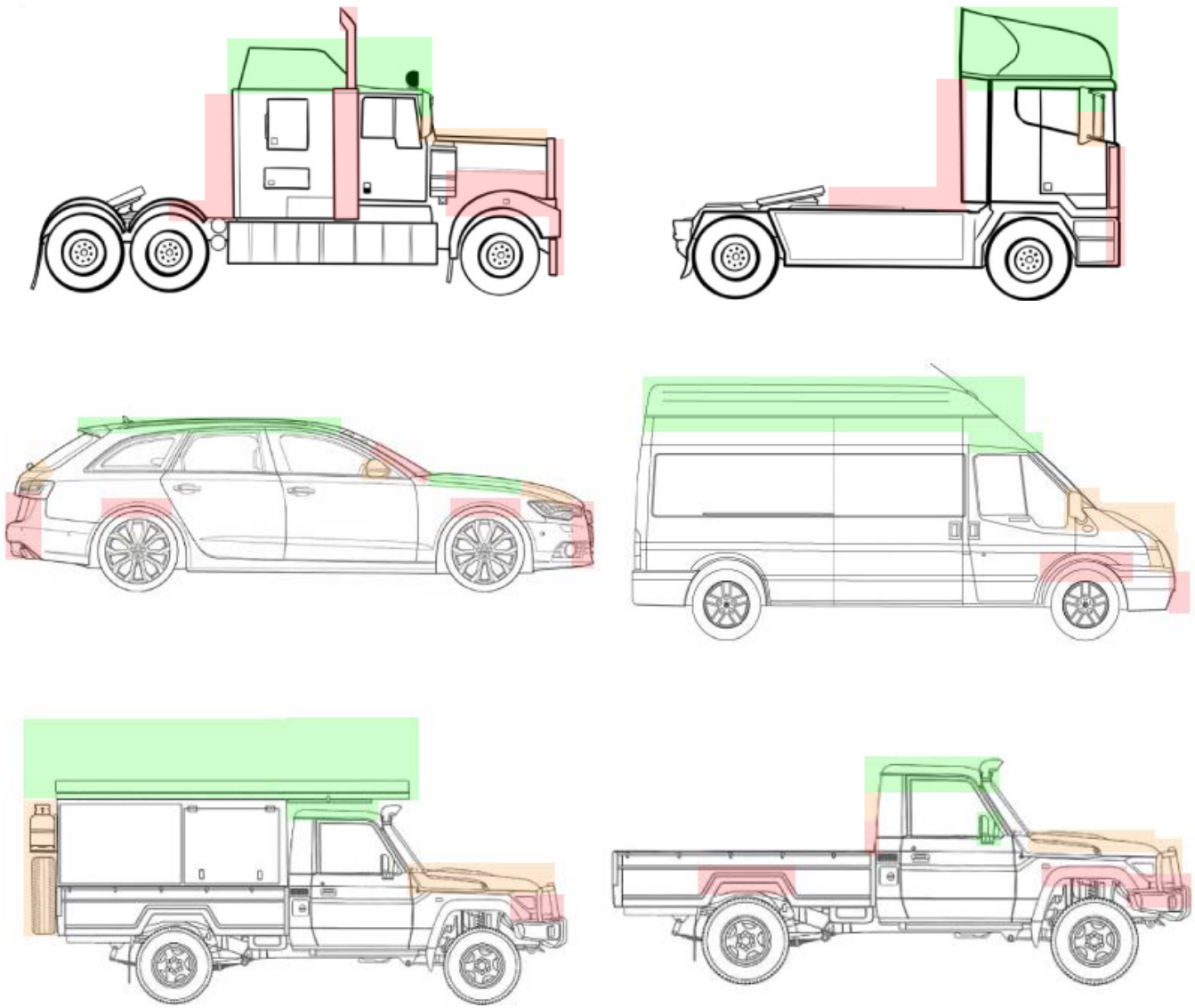
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Vehicle Mounting locations



- Best/Recommended location for mounting
- Suitable mounting locations
- Not suitable mounting locations