

GID-MB-SHD Series

Ground independent heavy-duty elevated feed spring base whip UHF/TETRA 400-520MHz



The GID-MB-SHD series of elevated feed, ground independent spring base antennas offer effective performance with effective gain, suitable for TETRA applications. The heavy-duty spring base design make these antennas an excellent choice for vehicle or fixed position mounting.

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

Construction	Black heavy-duty fibreglass whip, delrin and chrome elevated feed and heavy-duty 'barrel' spring base
Frequency range	400-420MHz - GID-MB410-SHD 420-440MHz - GID-MB430-SHD 450-470MHz - GID-MB460-SHD 500-520MHz - GID-MB510-SHD
VSWR	Centre <1.5:1, Edges: <1.65:1
Tuning	Factory
Gain	6.2dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional
Cable	4.5 metres RG58 low loss bottom exit from spring
Connector	FME female fitted to cable for ease of installation
Adaptor	FME male to UHF male PL259 supplied
Height & identification	GID-MB410-SHD - 1040mm - White cap GID-MB430-SHD - 1020mm - Brown cap GID-MB460-SHD - 950mm - Red cap GID-MB510-SHD - 880mm - Yellow cap
Weight	920-850grams depending on model
Mounting accessories order separate	Bracket: GM1, GM2 or GM6 Adjustable bonnet mount: ATLM-B or ATLM-CH Bull bar mount: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B
Mounting position recommended	Mount as high as possible on your vehicle or structure to ensure a true omni-directional signal pattern. Ensure the antenna is installed in the optimum vertical polarisation
Installation tools required	18mm spanner for split nut securing

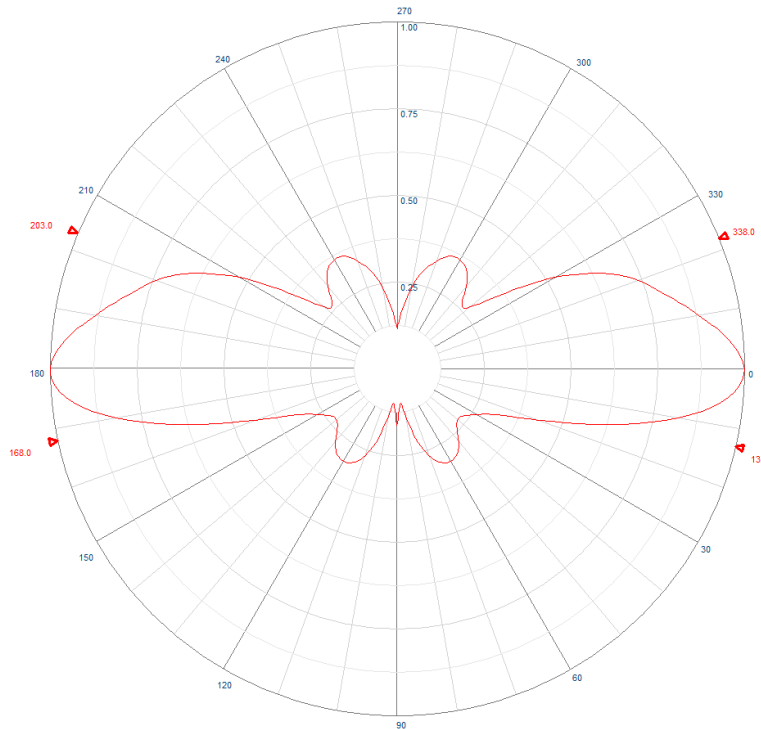


UHF Male PL259 to FME male adaptor supplied

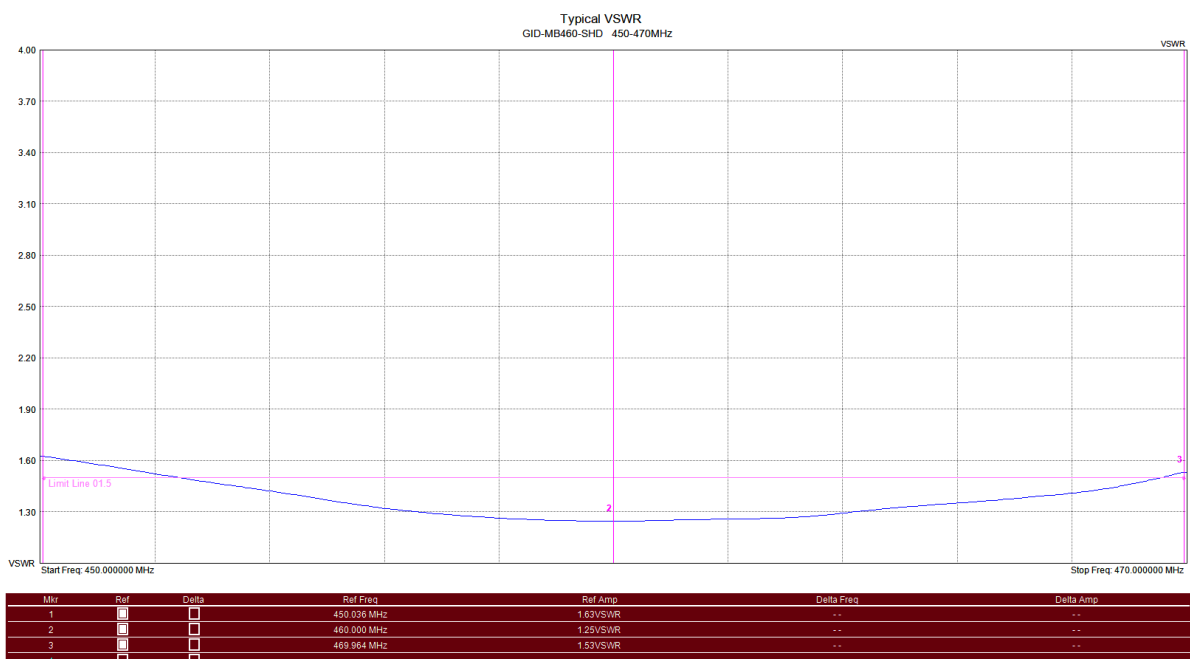
Please note: For 477MHz specific requirements see ZN4-77-06 or ZN4-77-06S

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Example radiation pattern



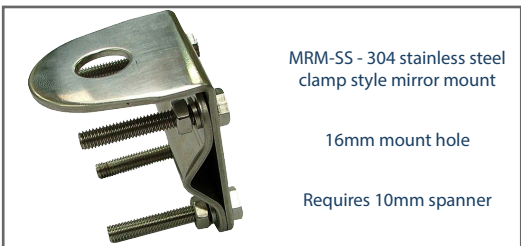
Typical VSWR - GID-MB460-SHD

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Recommended installation accessories

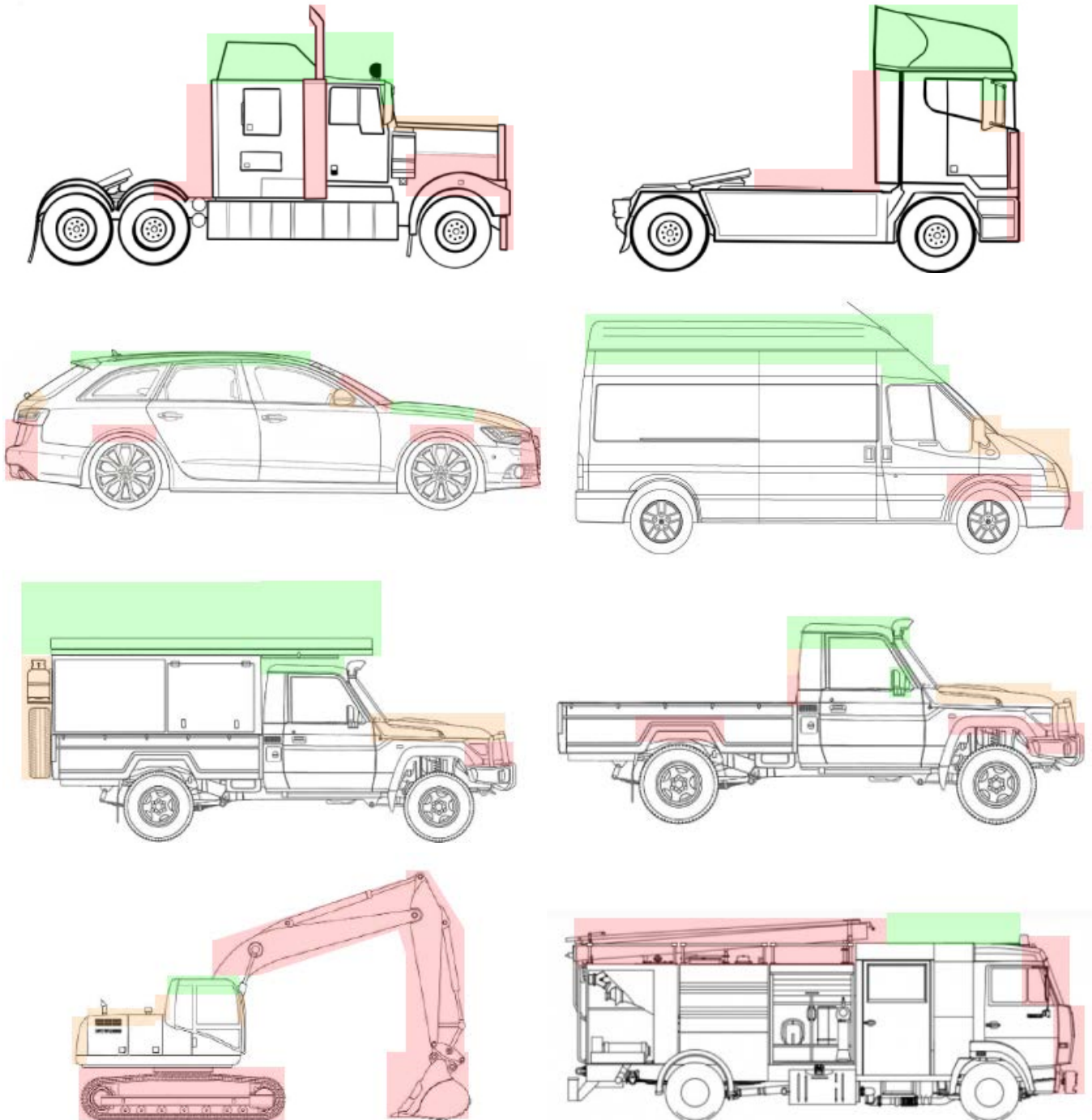


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Vehicle Mounting locations



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