

**VIVAX**  
**METROTECH**

# VM-510FFL+ A-frame

Technical Specifications V1.0



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Item	Parameter
<b>Description</b>	Combination locator and ground fault find A-frame
<b>Applications</b>	Identifying the position of a cable and locating insulation faults to ground and pipeline coating defects which are in contact with the ground
<b>Construction</b>	Carbon fiber/ reinforced glass fiber/ high impact thermoplastic (ABS) construction
<b>Weight</b>	4.23lbs (1.92kg)
<b>Dimension</b>	28.7in(H) x 25.2(W) x 2.9in(T) (728mm x 640mm x 74mm)
<b>Operating Frequency</b>	8kFF (8Hz/8.192kHz with 2.67Hz phase modulation) or FF (3Hz/6Hz/8.192kHz)
<b>Cable locate sensitivity</b>	10uA at one-meter depth
<b>Depth Accuracy</b>	From 4" to 10' (100mm to 3M) accuracy is +/- 5% of depth
<b>Fault locate sensitivity</b>	Typically, can detect 2MΩ at one-meter depth
<b>Display</b>	1.28" 128 x 128 black and white dot matrix LCD
<b>Data Displayed</b>	Mode, Frequency, Peak/Null/Left/Right, depth and current. Fault signal strength and direction. Battery condition and Speaker volume setting
<b>Audible</b>	Speaker indicates Left/Right by pulsed/continuous tone
<b>Compatible Transmitters</b>	VM-550FF, VM560FF, Loc-5STx, Loc-5DTx, Loc-10Tx, Loc-10SiSTx, Loc3-10Tx, Loc3-10SiSTx
<b>Power Supply</b>	Six x AA alkaline batteries. Also compatible with Six NiMH size AA batteries
<b>Battery life</b>	Alkaline: typically, 60 hour' continuous use at 70°F (21°C) NiMH: typically, 2300mAh will provide 45 hours continuous use at 70°F (21°C)
<b>External Connectors</b>	Mini-USB for maintenance and software upgrades.
<b>Approvals</b>	CE/FCC
<b>Temperature Range</b>	Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)
<b>Weather Proof</b>	IP 54 and NEMA 4
<b>Shipping Weight</b>	9.4lbs (4.25kg)
<b>Shipping Dimension</b>	31.5in(L) x 27.8in(W) x 4.5in(H) (800mm x 705mm x 115mm)
<b>Warranty</b>	- Two Years - Optional extended warranty available

**Standard accessories**

Supplied with: user guide, soft carry bag, USB cable and rubber spike protectors.

All products are designed and manufactured in accordance with ISO 9001:2008

Disclaimer: Product and accessory specification and availability information is subject to change without prior notice.