



VIVAX
METROTECH

vLoc3 A-Frame

Technical Specifications V1.6



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A. Description and Typical Applications

Item	Parameter
Model Name	Accessory A-frame, vLoc3 series
Model Number	VX219-04
Description	Plug-in ground fault locator A-frame accessory
Applications	Identifying the position of cable insulation faults to ground and pipeline coating defects that are in contact with the ground

B. Characteristics

Item	Parameter
Construction	Carbon fiber reinforced glass fiber construction body, Stainless-steel spikes
Weight	3.6lbs (1.61kg)
Dimension	28.3in(L) x 25.2(W) x 1.6in(H) (720mm x 640mm x 40mm)
Display Type	Information is displayed on the host vLoc3 series receiver.
Power Supply	Powered by the vLoc3 series receiver
External Connectors	6-pin XLR Plug (A-Frame), 8-pin Lemo Plug (Locator)
Environmental	IP54
Temperature Range	Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)
Approvals	CE/FCC
Manufacturing	Designed and manufactured per ISO 9001:2015
What's In the Box	<ul style="list-style-type: none"> - A-Frame receiver - Rubber spike covers - Four-pin XLR connector on 1.5m / 4.92ft. long interconnect cable - Soft carry bag - Quick guide

C. Operational

Item	Parameter
Operating Modes and Frequencies (dependent on the vLoc3 variant)	<ul style="list-style-type: none"> - 3Hz/6Hz/8.192kHz - SD Fault Find {30Hz to 1.2kHz} - SiS Fault Find {491Hz, 982Hz, 8440Hz, 9820Hz} - 8KFF (8Hz + 8192Hz)

Fault locate sensitivity	1 μ Vrms measured in a 1Hz Bandwidth (Typically, this translates to the detection of 2M Ω faults at 2m range)
Data Displayed (on the vLoc3 receiver)	The ground potential measured in dB μ Vrms: 0 – 120, <1 Hz Bandwidth> Fault forward / backward direction arrows. Left/Right line locate.
Compatible receivers	vLoc3 series
Compatible transmitters	Loc-5STx, Loc-5DTx, Loc-10Tx, Loc-10Tx SIS, Loc3-5Tx, Loc3-10Tx, Loc3-10SiSTx, VM-550FF, VM-560FF

D. Shipping and Packaging

Item	Parameter
Shipping Weight	9.1lbs (4.14kg)
Shipping Dimension	33.9in(L) x 27.2(W) x 3.5in(H) (860mm x 690mm x 90mm)

E. Warranty

Item	Parameter
Warranty	24 months

Disclaimer: Product and accessory specifications and availability information are subject to change without prior notice.

Performance Disclaimer Actual performance may vary depending on environmental conditions, user technique, and signal interference.

Software & Firmware Disclaimer Functionality described may depend on the software or firmware version installed. Features are subject to modification through future updates.

Battery & Power Disclaimer Battery life is estimated and may vary based on settings, usage, temperature, and battery age.

Calibration Disclaimer Self-Test results confirm system consistency with factory calibration but do not replace periodic professional calibration if required by company policy or regulation.

Compliance Disclaimer Compliance with regional standards may vary by country. Users are responsible for ensuring the product is used in accordance with local laws and regulations.

Use Case Disclaimer The system is intended for professional utility locating and should not be used for purposes outside the manufacturer's defined scope.

Third-Party Services Disclaimer Use of GNSS correction services or cloud platforms may require third-party subscriptions and are subject to their terms and availability.

Feature Availability Disclaimer: Certain features, frequencies, or accessories may only be available in specific markets due to regional regulations or product certifications. Please consult your local Vivax-Metrotech representative for availability in your area.

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