



**VIVAX**  
**METROTECH**

# vLoc3 A-Frame

Technical Specifications V1.4



## Worldwide Locations

### World Headquarters, United States of America and Central/South America and the Caribbean

#### Vivax-Metrotech Corporation

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-1400

Fax : +1-408-734-1415

Website: [www.vivax-metrotech.com](http://www.vivax-metrotech.com)

Email : [SalesUSA@vxmt.com](mailto:SalesUSA@vxmt.com)

#### Ventas para América Latina

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-1400

Fax : +1-408-743-5597

Website: [www.vivax-metrotech.com](http://www.vivax-metrotech.com)

Email : [LatinSales@vxmt.com](mailto:LatinSales@vxmt.com)

### Canada

#### Vivax Canada, Inc.

41 Courtland Ave Unit 8, Vaughan, ON L4K 3T3, Canada

Tel : +1-289-846-3010

Fax : +1-905-752-0214

Website: [www.vivax-metrotech.ca](http://www.vivax-metrotech.ca)

Email : [SalesCA@vxmt.com](mailto:SalesCA@vxmt.com)

### United Kingdom

#### Vivax-Metrotech Ltd.

Unit 1, B/C Polden Business Centre, Bristol Road, Bridgwater, Somerset, TA6 4AW, UK

Tel : +44(0)1793 822679

Website: [www.vivax-metrotech.co.uk](http://www.vivax-metrotech.co.uk)

Email : [SalesUK@vxmt.com](mailto:SalesUK@vxmt.com)

### France

#### Vivax-Metrotech SAS

Technoparc - 1 allée du Moulin Berger, 69130 Ecully, France

Tel : +33(0)4 72 53 03 03

Fax : +33(0)4 72 53 03 13

Website: [www.vivax-metrotech.fr](http://www.vivax-metrotech.fr)

Email : [SalesFR@vxmt.com](mailto:SalesFR@vxmt.com)

### Germany

#### Metrotech Vertriebs GmbH

Am steinernen Kreuz 10a  
D-96110 Schesslitz

Tel : +49 954 277 227 43

Website: [www.vivax-metrotech.de](http://www.vivax-metrotech.de)

Email : [SalesEU@vxmt.com](mailto:SalesEU@vxmt.com)

### China

#### Vivax-Metrotech (Shanghai) Ltd.

3/F No.90, Lane 1122 Qinzhou Rd.(N),  
Shanghai, China 200233

Tel : +86-21-5109-9980

Fax : +86-21-2281-9562

Website: [www.vivax-metrotech.com](http://www.vivax-metrotech.com)

Email : [SalesCN@vxmt.com.cn](mailto:SalesCN@vxmt.com.cn)

## 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 which 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 Limo Plug Locator
Environmental	IP 54 and NEMA 4
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	A-Frame Receiver Soft carry bag Four-pin XLR connector on 1.5m / 4.92ft. long interconnect cable Rubber spike covers Quick guide

## C. Operational

Item	Parameter
<b>Operating Modes and Frequencies (dependent on vLoc3 variant)</b>	<ul style="list-style-type: none"> <li>- 3Hz/6Hz/8.192kHz SD Fault Find</li> <li>- SD Fault Find {30Hz to 1.2kHz}</li> <li>- SiS Fault Find {491Hz, 982Hz, 8440Hz, 9820Hz}</li> <li>- 8KFF (8Hz + 8192Hz)</li> </ul>
<b>Fault locate sensitivity</b>	1 $\mu$ Vrms measured in a 1Hz Bandwidth (Typically this translates to the detection of 2M $\Omega$ faults at 2m range)
<b>Data Displayed (on the vLoc3 receiver)</b>	The ground potential measured in dB $\mu$ Vrms: 0 – 120, <1 Hz Bandwidth> Fault forward / backward direction arrows. Left/Right line locate.
<b>Compatible receivers</b>	vLoc3-Pro, vLoc3-9800, vLoc3-5000, vLoc3-ML, vLoc3-DM
<b>Compatible transmitters</b>	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
<b>Shipping Weight</b>	9.1lbs (4.14kg)
<b>Shipping Dimension</b>	33.9in(L) x 27.2(W) x 3.5in(H) (860mm x 690mm x 90mm)

## E. Warranty

Item	Parameter
<b>Warranty</b>	Two Years

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