



VIVAX
METROTECH

vLoc3 A-Frame

Technical Specifications V1.4



Worldwide Locations

World Headquarters, United States of America

Vivax-Metrotech Corporation

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-3880

Fax : +1-408-734-1415

Website : www.vivax-metrotech.com

Email : SalesUSA@vxmt.com

Central/South America and the Caribbean

Ventas para América Latina

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-3880

Fax : +1-408-743-5597

Website : www.vivax-metrotech.com

Email : 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

Email : 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

Email : 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

Email : SalesFR@vxmt.com

Germany

Metrotech Vertriebs GmbH

Am steinernen Kreuz 10a
96110 Schesslitz

Tel : +49 9542 77227-43

Website : www.vivax-metrotech.de

Email : SalesEU@vxmt.com

China

Vivax-Metrotech (Shanghai) Ltd.

Building 10, Lane 1158 Zhongxin Rd.,
Songjiang District, Shanghai, China, 201615

Tel : +86-21-5109-9980

Website : www.vivax-metrotech.com

Email : 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 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 Limo 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	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
Operating Modes and Frequencies (dependent on the vLoc3 variant)	- 3Hz/6Hz/8.192kHz SD Fault Find - 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-Pro, vLoc3-9800, vLoc3-5000, vLoc3-ML, vLoc3-DM
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	Two Years

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