



**VIVAX**  
**METROTECH**

# vLoc3 A-Frame

Technical Specifications V1.4



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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 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 the 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.