



# FLS-2 Transmitter

## Fiber (Optic) Locate System

- Powerful 50-watt rack-mounted transmitter
- Eliminate portable transmitter connections
- Remote Ethernet and mobile-device access
- Standard or custom frequencies
- Auto-impedance matching for maximum efficiency

Fiber optic cables are a critical part of modern life due to the vast amount of data they carry to support businesses, internet users, and emergency services. The cost of losing these services, even temporarily, is immeasurable. The FLS-2 system is designed to assist in locating, monitoring and providing damage prevention to these cables.

The FLS-2 high-performance, high-power rack-mounted transmitter is typically mounted in a re-gen station, customer access point, or central office. Powered by DC or AC power, the FLS-2 transmits a locate tone on the metallic sheath of the fiber cable over vast distances to ensure the cable can be located quickly and accurately, even in congested areas.

A rack-mounted transmitter that can be accessed and controlled by a phone call or website portal can streamline your operation and eliminate carrying a portable transmitter. Without the need for a portable transmitter hookup, the field technicians can avoid going into handholes or pedestals and get straight to the task of locating and marking.



FLS-2 Remote Access – Access and control all functions of the FLS-2 transmitter

- NEBS certified

### USB Port

- Perform software updates

### LED Indicators

- Fail Red
- Status Yellow
- Power Green



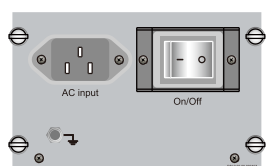
### Rack Installation

- 19-inch rack installation
- Includes additional brackets for 23 and 24-inch racks

### Color Touch Screen Control Unit

- Intuitive touch screen menu
- Bright anti-glare screen

### DC Powered



Optional AC Power Module



### Multiple FLS-2 Versions

- 2-Direction
- 4-Direction
- 16-Direction

### Multiple Access Options

- By telephone line (RJ-11 socket)
- By secure Ethernet (RJ-45 socket)

|                       | FLS-2 Transmitter Specifications   |
|-----------------------|--|
| Construction          | Hand-held Control Unit: ABS Plastic, Chassis: SECC Galvanized steel plate  |
| Weight and Dimensions | 19in (L) x 11.85in (W) x 3.46in (H) (483mm x 301mm x 88mm)<br>AC system: 15.8lbs (7.16kg), DC system: 14.6lbs (6.64kg)   |
| Mounting              | Includes mounting brackets for 19", 23" and 24" racks  |
| Operating Frequencies | From 20Hz to 10kHz   |
| Output Protection     | Over-current and over-voltage  |
| Power Output          | Maximum 50 Watts, 100V RMS   |
| Transmitting Modes    | 2-Way sends the locate signal in two different directions (FLS-TX2W)<br>4-Way sends the locate signal in four different directions (FLS-TX4W)<br>16-Way sends the locate signal in 16 different directions (FLS-TX16W) |
| Remote Access         | 10Base-T/100Base-TX fast Ethernet. Standard tones from landline or mobile telephone  |
| Compatible Receivers  | vLoc3 series RTK-Pro, XLF, Pro, ML, 5000, 9800 and most receivers with matching frequencies  |

## What's in the box



FLS-2 transmitter  
(with 19-inch brackets installed)



Hand-held Control Unit



AC or DC power cord



23 and 24-inch  
mounting bracket sets



Manual

## Compatible Receivers (vLoc3 series receivers and most receivers with matching frequencies)



vLoc3-Pro



vLoc3-ML



vLoc3 RTK-Pro



vLoc3-9800



vLoc3-XLF



vLoc3-5000

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