

# Technical Specifications

## V-9999 End-of-Line Module

- Used with the supervised IDF model VL9998
- Provides end of line termination for supervised amplified speaker runs
- Connections for both audio and power
- Includes wall mountable housing
- Screw terminal or RJ45 modular connection
- Solid state circuitry
- Audio and power connections not polarity sensitive

### Description:

The V-9999 End of Line Module provides end of line termination of audio and 24 Volt dc pairs when wire monitoring self-amplified speaker runs. Compatible with the Supervised IDF models VL-9998RM (rack mount) and VL-9998WM (wall mount), it monitors the power voltage and provides an equivalent impedance of 4.7k Ohm termination for monitoring the audio pair. Should the power pair voltage drop below 10V dc, it will open the connection to the audio pair terminating impedance causing the monitoring IDF to show a fault on the speaker run.



Compatible with the  
Supervised IDF models  
VL-9998RM and VL-9998WM

## SPECIFICATIONS

### ELECTRICAL

Terminating Impedance: 4.7kOhms  
Fault Voltage: 10 Vdc  
Power Current: 10 mA

### TERMINATIONS

Number of Connections: 4 (2 audio and 2 power)  
Connector: screw terminal, RJ45 Jack

### ENVIRONMENTS

Temperature: 32 to 122 °F (0 to 50 °C)  
Humidity: 0 to 85% non-precipitating

### HOUSING AND FINISH

Steel housing constructed from 18 gauge steel finished with a baked-on powder coat epoxy finish

### DIMENSIONS AND WEIGHT

1.75in H x 3.75in W x 1.25in D  
(4.45cm x 9.53cm x 3.20cm)

**Weight:** 0.50lbs (0.23kg)

**Shipping Weight:** 2.40lbs (1.08kg)

### MOUNTING

Wall mountable (wood screws included)

## ARCHITECTS AND ENGINEERS

The End of Line Module, model V-9999, shall provide end of line termination of audio and 24 Vdc pairs when wire monitoring self-amplified speaker runs. It shall be compatible with Valcom Supervised IDF models VL-9998RM (rack mount) and VL-9998WM (wall mount).

The V-9999 End of Line Module shall monitor the power pair and provide an equivalent impedance of 4.7k Ohm termination for monitoring the audio pair. Should the power pair voltage drop below 10 Vdc, it will open the connection to the audio pair terminating impedance causing the monitoring IDF to show a fault on the speaker run.

The V-9999 End of Line Module fault voltage level shall be 10 Vdc. Audio terminating impedance shall be 4.7k Ohms. Current draw

on -24 Vdc shall be 10 mA. Connections are made through screw terminals or RJ45 jack. All circuitry is solid state without any moving parts. Audio and power connections are not polarity sensitive. The V-9999 is wall mountable.

The V-9999 End of Line Module shall be constructed from 18-gauge steel finished with a baked-on gray powder coat epoxy finish.

The maximum dimensions shall be: 1.75in H x 3.75in W x 1.25in D ( 4.45cm x 9.53cm x 3.20cm). Weight shall be approximately: 0.50lbs (0.23kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).  
2022 Rev 2.8.17