

ACT 442 & 444 Cable Location Protectors

Surge Protector System

ACT442 & 444 Outdoor/Indoor Protectors

The ACT44X Cable Locating Protection Family can be installed both indoors or outdoor applications. The solid-state hybrid surge protection system is installed between the cable sheath and earth ground. Their primary function is to increase the cable locating tone range and efficiency and protect buried cable and personnel from high-energy surges. This unit may be installed either underground (waterproof), above ground (weather proof) or pedestal Mount. Proper installation and location of these devices allows greater than 75 miles of cable location from one transmitter.

RECOMMENDED LOCATIONS

- Buried Fiber Locations
- Pedestal Locations
- Indoor Locations

FEATURES AND BENEFITS

- Extends Cable Locations over 75 miles
- MOV/Gas Tube Hybrid Technology
- 5-Year Standard Warranty

STANDARDS MET

- Safety - Meets UL497
- ANSI/IEEE C62.41, C62.45

3rd PARTY TESTED



ACT 44X Cable Location Protectors

Model	Enclosure Type	System
ACT442-XXX-	200	Single Protector for Indoor 4"x2"x1.5"
ACT442-XXX-	202	Single protector for Indoor with 6' 6 awg cable stubs 4"x2"x1.5"
ACT442-XXX-	400	Design for FINK Pedestal
ACT444-XXX-	200	Single Protector for Outdoor - WEATHERPROOF 4"x4"x2"
ACT444-XXX-	202	Single protector for Outdoor with 6' 6 awg cable stubs WEATHERPROOF 4"x4"x2"
ACT444-XXX-	302	Single protector for outdoor with 6' 6 awg cable stubs WATERPROOF 4"x4"x2"
ACT444-XXX-	352	Single protector for outdoor with 6' 6 awg cable stubs WATERPROOF 4"x4"x2" USED FOR METRO-Backbone
ACT444-XXX-	402	Single protector for outdoor with 6' 6 awg cable stubs WATERPROOF 4"x4"x2" USED FOR METRO-END Termination
-XXX	050, 150, 350 Volts	Wide range of Voltage Types

Part Number Example: ACT 444-150-302

* Custom voltage and cable configurations are available

Contact Us:

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ACT444 & 442 Physical & Electrical Specifications

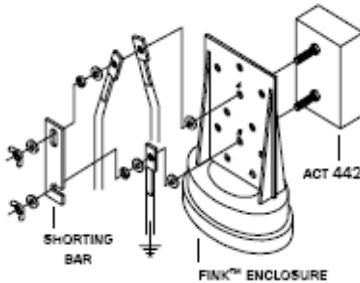
Physical

The ACT442-YYY-20Z family is installed in 4"x2"x 1.5"
 The ACT444-YYY- 20Z family is installed in 4"x4"x2"
 weather resistant enclosures.
 The ACT 444-YYY-30Z family are installed in 4"x4"x2"
 waterproof closures.
 YYY option signifies voltage application (50, 150, 350V)
 Z option includes a #6AWG stranded wires feeding through
 the box that connect (green) to ground and (black) to the cable
 sheath(s).

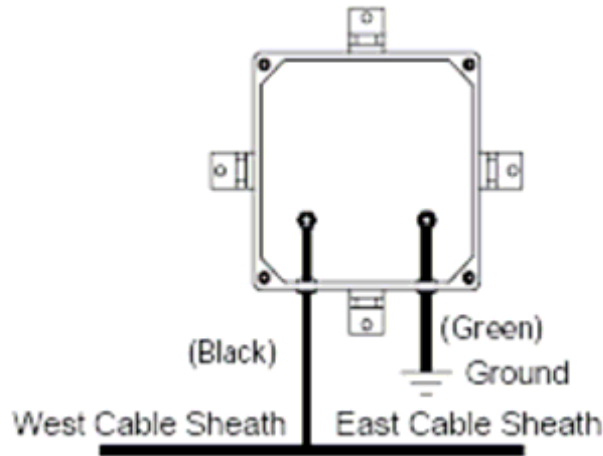
Electrical

Voltage Applications RMS:	50, 150V, 350V
Clamping Voltage (@ 1mA DC): (+10% voltage variance)	95V, 210, 430V
Peak Current (8x20µS):	42,000 Amps
Energy Dissipation (10x1000µS): 1	600 joules
Response Time:	1.5 Nanoseconds
Capacitance @ 5KHz:	4004pf

TECHNICAL INFORMATION:



ACT 442-150-410



ACT 444-150-3X2