

Data Sheet

# VIAVI WFS-2

## Wideband Field Service Leakage Antenna

### Overview

Pinpoint plant shielding weaknesses faster in the field with the best in class gain and directionality of the WFS-2 antenna. With broad frequency range coverage, the WFS-2 can be used regardless of the monitoring frequencies chosen above 450 MHz.

### Ideal For The Evolving HFC

Everything about the VIAVI Seeker X platform is revolutionizing how cable operators find and fix ingress, and the WFS-2 antenna is no exception. Leakage detectors are only as good as the signals that the antenna provides, and with its high gain and directionality, the WFS-2 is the perfect complement to the best-in-class Seeker X detector.

The broad frequency range coverage afforded by the WFS-2 enables maximum benefit to be achieved from the Seeker X frequency agility. All of this is provided in an ideal form factor that is rugged, lightweight, and compact enough to easily slide behind the seat of even the smallest vehicles.

### Key Features

- 450–1220 MHz coverage from a single antenna
- Rugged, lightweight unit fits behind seats of even small vehicles
- 5 dBi antenna-factor maximizes system sensitivity
- Superior directionality in a technician-friendly design



## Ordering Information

WFS-2 Wideband Field Service Leakage Antenna

TRI-LKG-ANT-WFS-2

## Specifications

### Electrical Specifications

Frequency Range	450–1220 MHz
Antenna Factor	5 dBi
VSWR	≤ 2
Polarization	Vertical or Horizontal
F/B Ratio	≥ 6 dB
Horizontal Beamwidth	140° typical
Vertical Beamwidth	90° typical
Nominal Impedance	50 Ohm

### Physical Specifications

Connector	BNC Female
Dimensions of Antenna (L x W x D)	19.4 x 16 x 1.5 in (493 x 407 x 38 mm)
Weight without cable	0.94 lbs (0.43 kg)
Elements	10



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