CheckPoint™ Plus Fiber Identifier

A LANscape®
Solutions Product

features and benefits |

Passive detection of traffic	No signal interruption
Supports multiple sizes	Variety of applications
Rugged design	Can be used anywhere
850 nm – 1700 nm range	Single-mode and multimode applications

Corning Cable Systems CheckPoint™ Plus Fiber Identifier uses non-destructive, local detection technology to ensure fiber integrity and provide reliable identification. It safely clips onto fibers in midspan to detect the presence of a signal without interrupting traffic with LEDs indicating the type of signal and transmission direction. The integral power meter simultaneously displays the relative core power, allowing isolation and measurement of faults and in-line components such as splitters, splices and connectors. Due to a wide range detector, the identifier can be used for single-mode and most multimode applications. Simply inserting a fiber and closing the thumb switch provides immediate results. To distinguish a single fiber from other active or dark fibers, the 2 kHz test signal of a laser source can be transmitted from one end of the fiber and detected midspan by the CheckPoint Plus Fiber Identifier. Designed for use everywhere fiber is placed, interchangeable adapters provide optimized performance on multiple fiber sizes including 250 µm coating, 900 µm tight-buffered, 1.6 mm, 2.0 mm and 2.9 mm/3.0 mm jacketed and ribbon fibers.

CheckPoint Plus Fiber Identifier | Photo TEPSS634

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specifications |

Signal Indicators	Traffic presence:	• 2 kHz test signal • Detects 2 kHz, 1 kHz and 20 Hz	• Transmission direction • Self-test and low battery indication
Detector Sensitivity	-40 dBm at 1310 nm		
Induced Loss	0.6 dB at 1310 nm (typical)		
Spectral Response	850 nm to 1700 nm		
Core Power Reading	5 to -40 dBm ± 2 dB (1 dB resolution)		
Fiber Slack	20 mm (0.75) in required		
Operating Temperature	-20º to +50ºC (-4º to +122ºF)		
Storage Temperature	-40º to +60ºC (-40º to +140ºF)		
Humidity	0 to 90% non-condensing		
Dimensions (H x W x D)	190 x 32 x 25 mm (7.50 x 1.25 x 1.00 in)		
Weight	8 oz (230 g) with battery		
Battery	One 9 V alkaline battery, approximately 5,000 readings		

Note: Specifications are defined using clear 250 µm coated low-water-peak, single-mode fiber. Results with other fiber types and coatings will vary.

ordering information |

Part Number	Description
CHECKPOINT-PLUS	CheckPoint™ Plus Fiber Identifier with integral meter; includes leather carrying pouch, operating instructions and 3 interchangeble adapters (FI-30418, FI-30419, FI-30420)
FI-30418	CheckPoint Plus Fiber Identifier Adapter used for measuring 250 µm bare fiber or a multiple fiber ribbon
FI-30419	CheckPoint Plus Fiber Identifier Adapter used for measuring 900 µm tight buffered fiber
FI-30420	CheckPoint Plus Fiber Identifier Adapter used for measuring 3.0 mm jacketed fiber
FI-34788	CheckPoint Plus Fiber Identifier Adapter used for measuring 2.0 mm jacketed fiber
FI-35165	CheckPoint Plus Fiber Identifier Adapter used for measuring 1.65 mm jacketed fiber

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