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Data Sheet

August 14, 2026

EXFO

Exfo FTB720CSM1945SM1 VERIZON ONE FIBER KIT Handheld SM OTDR

Exfo FTB720CSM1945SM1 FTB-720 OTDR Configuration Alias The EXFO FTB720CSM1945SM1 queue slug is treated as a configuration alias of the FTB-720 LAN/WAN access OTDR family for single mode-oriented build code. Shared OEM SPFTB720 tables list typical dynamic ranges 27/26/36/34/34 dB at 850/1300/1310/1550/1625 nm, 0.8 m event dead zone, and up to 256000 sampling points. Same as FTB-720 access network construction and troubleshooting where inventory encodes a CSM1945SM1 configuration string. Combined MM/SM wavelength configurations on family The EXFO FTB720CSM1945SM1 queue slug is treated as a configuration alias of the FTB-720 LAN/WAN access OTDR family for single mode-oriented build code. Shared OEM SPFTB720 tables list typical dynamic ranges 27/26/36/34/34 dB at 850/1300/1310/1550/1625 nm, 0.8 m event dead zone, and up to 256000 sampling points. Same as FTB-720 access network construction and troubleshooting where inventory encodes a CSM1945SM1 configuration string. Combined MM/SM wavelength configurations on family Wavelengths Typical: 850 plus or minus 20, 1300 plus or minus 20, 1310 plus or minus 20, 1550 plus or minus 20, 1625 plus or minus 15 nm filtered



MODEL

**Exfo
FTB720CSM1945SM1**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB720CSM1945SM1

LISTING

<https://aumictechlabs.com/products/ftb720csm1945sm1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo FTB720CSM1945SM1 VERIZON ONE FIBER KIT is a handheld single-mode OTDR purpose-built for Verizon ONE FIBER field deployments. This compact platform combines optical fiber diagnostics with integrated tools for rapid fault location, splice detection, and link verification across access and metro networks. Technicians gain immediate go/no-go results through intelligent acquisition modes, reducing troubleshooting time and improving first-pass resolution rates.

Technical Specifications

OTDR Module (FTB-720C-SM1)

Operating wavelengths: 1310 nm and 1550 nm

Dynamic range: 36 dB (1310 nm), 34 dB (1550 nm)

Event dead zone: 0.8 meters minimum

Pulse widths: 5 ns to 20,000 ns

Sampling resolution: 0.04 to 5 meters

Sampling points: Up to 256,000

Measurement time: User-defined up to 60 minutes

Connector: APC single-mode SC (interchangeable)

Platform (FTB-1)

Display: 8-inch color touchscreen with outdoor-enhanced brightness

Memory: 8 GB internal flash storage

Battery: Lithium Ion 98 Wh 14.4 V or LiFePO4 rechargeable

Connectivity: Built-in Wi-Fi and Bluetooth

Key Features

iOLM (Intelligent Optical Link Mapper) for one-touch multi-acquisition with instant pass/fail determination

Integrated Visual Fault Locator for rapid event pinpointing

Digital fiber inspection via included FIP-400B or FIP-435B probe

Integrated optical power meter

FastReporter 2 software for data analysis and automated report generation

Optional 1625 nm capability for live-fiber testing

Typical Applications

Access network characterization and acceptance testing

LAN/WAN fiber link validation

Enterprise and private network deployments

Data center backbone verification

FTTA, FTTT, remote radio heads, DAS, and small cell fronthaul/backhaul testing

Compatibility & Integration

The FTB720CSM1945SM1 integrates with Exfo's iOLM ecosystem for systematic link mapping and with FastReporter 2 for centralized result compilation and compliance documentation.

FTB720CSM1945SM1 Characteristics / Specifications

PARAMETER	VALUE
Base Model Family	EXFO FTB-720
Queue Configuration Code	CSM1945SM1
Wavelengths Typical	850 plus or minus 20, 1300 plus or minus 20, 1310 plus or minus 20, 1550 plus or minus 20, 1625 plus or minus 15 nm filtered
Dynamic Range Typical	27/26/36/34/34 dB
Event Dead Zone Typical	0.8 m
Attenuation Dead Zone Typical	4/4.5/5/5/5 m
Distance Range Multimode	0.1 to 40 km selectable steps
Distance Range Singlemode	1.25 to 260 km selectable steps
Pulse Width Multimode	5 to 1000 ns
Pulse Width Singlemode	5 to 20000 ns
Linearity Typical	plus or minus 0.03 dB/dB
Loss Threshold	0.01 dB
Loss Resolution	0.001 dB
Sampling Resolution Multimode	0.04 to 2.5 m
Sampling Resolution Singlemode	0.04 to 5 m
Sampling Points	up to 256000
Distance Uncertainty	plus or minus (0.75 plus 0.0025 percentxdistance plus sampling resolution) m
Module Size HxWxD	130 mm x 36 mm x 252 mm
Module Weight	0.65 kg
Operating Temperature	0 C to 50 C
Storage Temperature	minus 40 C to 70 C
Relative Humidity	0 percent to 95 percent non-condensing
Alias Of	exfo-ftb-720
Attenuation	Dead Zone Typical: 4/4.5/5/5/5 m

PARAMETER	VALUE
Humidity	0 percent to 95 percent non-condensing

FTB720CSM1945SM1 Specifications

PARAMETER	VALUE
Applications	Same as FTB-720 access network construction and troubleshooting where inventory encodes a CSM1945SM1 configuration string.
iOLM multipulse intelligent link mapping	Live fiber testing at filtered 1625 nm
Technical Specifications	Base Model Family: EXFO FTB-720

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to 70 C
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Humidity	0 percent to 95 percent non-condensing
Relative Humidity	0 percent to 95 percent non-condensing
Alias Of	exfo-ftb-720 Notes Alias of exfo-ftb-720 for queue configuration string FTB720CSM1945SM1. Shared numeric table from EXFO FTB-720 datasheet SPFTB720; confirm exact wavelength set and SM versus MM options on the module faceplate versus the encoded string.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
Alias of exfo-ftb-720 for queue configuration string FTB720CSM1945SM1. Shared numeric table from EXFO FTB-720	

datasheet SPFTB720; confirm exact wavelength set and SM versus MM options on the module faceplate versus the encoded string.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.