

Rural Digital Opportunity Fund

Bridging the Digital Divide with VIAVI



Ensure Your Network is RDOF Ready to Maximize FCC Funding

VIAVI Solutions is ready to help you succeed with your [Rural Digital Opportunity Fund \(RDOF\)](#) deployments. Our wide range of proven test solutions (GPON, XGS-PON, Cable, and fixed Wireless) supports seamless implementation and will give you the tools, confidence, and know-how to meet FCC delivery milestones and reporting requirements.

FCC Technology Guidelines

VIAVI has the automated test solutions to validate compliance with each of the four FCC service tiers, including identification and troubleshooting of non-compliance issues.

FCC Technology Neutral Service Tiers

Bids were accepted for four service tiers each with varying speed and usage allowances, and two latency tiers, one high latency and one low latency. Winning bidders must offer the service associated with their winning bids.

Performance Tier	Speed
Minimum	≥ 10/1 Mbps
Baseline	≥ 25/3 Mbps
Above Baseline	≥ 100/20 Mbps
Gigabit	≥ 1 Gbps/500 Mbps
Latency	Requirement
Low Latency	≤ 100 ms
High Latency	≤ 750 ms & MOS of ≥4

Source: *The Federal Communications Commission*

VIAVI smarter testing solutions will help you meet your Service Level Agreements (SLA) and KPIs for Latency, Throughput and MOS (voice quality) helping you stay on schedule. Contact us today to learn more about pricing details and applicable discounts.

VIAVI helps you meet FCC requirements



Hit your network KPIs

Activate Consumer Services & guarantee that Latency, Throughput & MOS Service Level Agreements are fulfilled



Meet your Delivery Milestones

Meet FCC required deployment timeframes with VIAVI Test Process Automation to speed delivery of services and automatically track deployment progress



Be Ready for FCC audits at any time

Ensure network performance & consumer service KPIs by having the right tools (portables & systems) to verify and troubleshoot Service Level Expectations

Widest Range of Tools to Support Different PON Deployments



Handheld OTDR
SmartOTDR



Selective PON/XGS-PON
Power Meter











Fiber Scope
P5000i Probe



Modular Bi-directional
Fiber Tester T-BERD 4000

Eligible Products and Bundles

Part Number	Description	Product	Applications
TB4-FCOMP2-B	T-BERD 4000v2 1310/1550nm B FiberComplete - IL/ORL and OTDR Unit Automatically performs bi-directional Insertion Loss and Optical Return Loss tests at both wavelengths (1310nm and 1550nm) in less than 4 seconds. Also automatically shoot bi-dir OTDR trace with 42/40dB of DR at 1310/550nm.	 T-BERD 4000 FiberComplete	FTTH / xPON / P2P fiber network construction end-to-end tests, fiber certification Bi-Dir tests.
TB4-FCOMP2-FF	T-BERD 4000v2 1310/1550nm B FiberComplete-Ready Test Set Unit - 1310/1550nm - APC Automatically performs bi-directional Insertion Loss and Optical Return Loss tests at both wavelengths (1310nm and 1550nm) in less than 4 seconds. Fault Finder mode to indicate issue on the fiber. Upgradable to FiberComplete with field SW License (including fully functional OTDR).		FTTH / xPON / P2P fiber network construction Bi-Dir basic tests.
FSTOTDR-PREMIUM-IM-APC	SmartOTDR 1310/1550nm and Filtered 1650nm with PM VFL WiFi and FTTH-SLM 40/40//41dB OTDR @1310/1550nm and Filtered 1650nm with Broadband Power Meter and CW Light Source and FTTH-SLM Premium SW app, testing end-to-end, through several splitters and/or Taps.	 SmartOTDR	FTTH / xPON / P2P fiber network construction end-to-end tests, live fiber maintenance OTDR tests.
FSTOTDR-PRO-IM-APC	SmartOTDR 1310/1550nm and Filtered 1650nm with PM VFL WiFi and FTTH-SLM 37/35/32dB OTDR @1310/1550nm and Filtered 1650nm with Broadband Power Meter and CW Light Source.		FTTH / xPON / P2P fiber network access tests, live fiber maintenance OTDR and selective xPON power meter tests.
FOPT-PRO-M-APC	Optimeter Fiber Tester PRO Kit F1650nm - APC Fiber Meter @1650nm with Dual-band Selective Power Meter (1490/1550nm or 1490/1577nm), VFL, WiFi/Bluetooth and OptiTrak App SW. Carrying case, glove and 20m launch cable included.	 Optimeter	FTTH / xPON / P2P fiber network access tests, live fiber maintenance OTDR and selective xPON power meter tests.
2305/66	OLP-87 XG-PON 1270/1310/1490/1550/1578nm APC SC mounted XG-PON and G-PON Selective Power Meter for GPON (1310/1490nm), XG- PON (1270/1578nm) and RF Video (1550nm).	 SmartClass OLP-87	FTTH / xPON / P2P fiber network activation and maintenance selective xPON power meter tests.
FBP-MTS-101	Kit FBP-P5000i Digital Probe FiberChek Pro SW Case And Tips Microscope Probe to inspect Fiber Optic connectors - Includes SC-PC, SC-APC and LC-PC tips allowing inspection of any 2,5 (PC and APC) or 1,25mm PC ferrule connector, FC-PC, SC-PC, SC-APC and LC-PC headends. Works with SmartOTDR, Optimeter, DSAM, ONX, HST3000, T-BERD, OLP-8x (SmartClass Fiber), laptop.	 P5000i	Fiber optic connections inspection and troubleshooting.
FI-60	FI-60 Fiber Identifier with Power Meter. Detects live traffic and tones but does NOT indicate DIRECTION. Power Meter includes 2.5m & 1.25m adapters.	 Live Fiber Identifier	Fiber maintenance, live fiber identifier and broadband power meter.
FFL-050-2	Visual Fault Locator (Pocket Size) with 2.5mm (SC, FC, ST) and 1.2mm (LC) adapters	 Visual Fault Locator	Fiber optics construction and maintenance, red light visual fault locator.
OLP-35V2	OLP-35V2 (+10 dBm) Broadband Power Meter w 2.5mm UPP adapter, AA alkaline batteries. Wavelength settable from 800-1650nm (in 1 nm increments). Includes Bluetooth w ability to upload test results (via Mobile Tech App) to StrataSync	 Broadband Power Meter	FTTH / PON / P2P fiber network Construction, Activation and Maintenance Broadband Power Meter tests