

# 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 test solutions will help you meet your Service Level Agreements (SLA) and KPIs for Latency, Throughput and MOS (Voice quality) helping you stay on schedule.

### 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



#### Network and Service Companion (NSC-100)

- Simplest, most comprehensive, fastest service activation test and troubleshooting solution.



#### SmartOTDR Handheld Fiber Tester

- One touch operation, automatic analysis, and tailored OTDR user interface for different skill level.



#### FiberChek Probe Microscope

- The "all-in-one" handheld solution for fiber inspection.



#### SmartPocket OLP-37 RFOG and PON Power Meter

- Optical Power meter for downstream and return-path test in RFOG and PON systems.

## Eligible Products and Bundles

Part Number	Description	Product	Complimentary Products	Applications
STOTDR-PLUS-I-APC	Portable/handheld OTDR 1310/1550nm, 35/37dB, APC, Broadband Power Meter	 <b>SmartOTDR</b>	Fusion Splicer, DF, Fiber Cable	Point-to-Point fiber test, short distance (up to x km), OTDR trace, Loss test
STOTDR-PREMIUM-IM-APC	Portable/handheld OTDR 1310/1550/F1650nm, 40/40/41dB, APC, Broadband Power Meter, VFL			Point-to-Point fiber test, Point-to-Multi Point, PON/FTTx, OTDR trace, loss test, in-service test / out of band test (@1650nm)
STOTDR-PREMIUM-I-APC	Portable/handheld OTDR 1310/1550nm, 40/40dB, APC, Broadband Power Meter, VFL			Point-to-Point fiber test, Point-to-Multi Point, PON/FTTx, OTDR trace, loss test
2303/41	Handheld optical light source, 1310/1490/1550nm, SM FC mounted	 <b>OLS-37 PON</b>	Inspection / OTDR / Light source	PON construction, light source, loss test
2302/22	Handheld Optical Power Meter for PON, XGS-PON 1490/1577nm APC/ SC connector mounted, FC enclosed	 <b>OLP-37X PON</b>		PON, XGS-PON installation, maintenance, construction, power measurement, loss test
2305/66	OLP-87 selective power meter for B-PON, E-PON, G-PON and 10G PON, such as XG-PON and 10G-E-PON networks	 <b>OLP-87X PON</b>		PON, XGS-PON installation, maintenance, construction, power measurement, loss test
FIT-FC-KIT3	Wireless Fiber Scope including WiFi and Fiber Tips for LC/PC SC/PC and SC/ APC Case	 <b>FiberChek Probe</b>	Power Meter / OTDR	Inspection and troubleshooting of fiber optic networks
TB2-DWDMOCC-P1W	T-BERD 2000 mainframe w/ WiFi, OCC 4056C DWDM Channel Checker w/SFP bay	 <b>T-BERD 2000</b>	Inspection, OTDR	DWDM Optical channel checker, testing channel power and drift and Tune SFPs
TB4K-FCOMPO-VB03	T-BERD 4000 mainframe with FiberComplete, Bi-Dir LTS/OTDR 1310/1550nm	 <b>T-BERD 4000</b>	Inspection	Optical loss test set w/ integrated OTDR for Bi-Directional (BIDR), Loss, IL/ORL, IL/BIDIR ORL, OTDR,



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