

Fiber Inspection and Test Kits for HFC Networks

Analog

Field Kits



FBP-SM03-CATV
(low-cost field solution)

200/400x dual magnification
FBP inspection probe
Detachable display (2.0" LCD)



FIT-S100-CATV
(integrated field solution)

200/400X dual magnification
FBP inspection probe
Detachable display with integrated
optical power meter

Fiber Accessories

Fiber identifier



FI-10



FI-60



FFL-050



VFL-100



Fiber
cleaning

USB power meter



MP-60A/80A

Fits DSAM, ONX, HST-3000,
T-BERD/MTS-5800, or laptop

Fiber Test

Optical handhelds



OTDRs



T-BERD/MTS-2000
and Smart OTDRs



T-BERD/MTS-6000Av2

Digital

Automated Pass/Fail Analysis

P5000i



FBP-P5000i-CATV
(entry level)

FBP-SD101-CATV
(full automation)

Automated fiber inspection
Auto pass/fail analysis
Auto fiber centering
Store results
Generate certification reports

Inspect and Test

Standard Test



FIT-82P03-CATV

FTTX (RFOG-PON/10GE PON) Test



FIT-8736-R
(RFOG-PON)

FIT-8766-R
(RFOG-PON-10GE PON)



FIT-8766-PRO
(RFOG-PON-10GE PON)



FIT-8736P-PRO
(RFOG-PON)

FIT-8766P-PRO
(RFOG-PON-10GE PON)

Fiber inspection and testing in one kit

All kits include a P5000i digital fiber inspection probe with full automation that connects to a color touch screen display with integrated power meter (OLP-8x) and includes a handsfree utility boot. All "PRO" kits also include dry/wet cleaning and a VFL.

Fiber Inspection and Test Kits for HFC Networks

Contents of Kits	FBP-SM03-CATV	FIT-S100-CATV	FBP-P5000i-CATV	FBP-SD101-CATV	FIT-82P03-CATV	FIT-8736-R	FIT-8736P-PRO	FIT-8766-R	FIT-8766-PRO	FIT-8766P-PRO
Displays										
Analog HP3/HD3 display (2.0 inch LCD)	■	■								
Digital color display 3.5 inch					■	■	■			
Display with integrated patch cord microscope (PCM)					■		■			■
Display with integrated broadband or PON power meter		■			■	■	■	■	■	■
Rechargeable battery	■				■	■	■	■	■	■
Connects to DSAM (XT), ONX, HST, OLP-8x, T-BERD/MTS, or laptop			■	■						
Fiber inspection probes										
FBP dual-magnification (200/400x) analog probe microscope	■	■								
P5000i dual magnification (200/400x) digital probe microscope with automation			■	■	■	■	■	■	■	■
Auto-centering of fiber			■	■	■	■	■	■	■	■
Auto pass/fail analysis				■	■	■	■	■	■	■
Results storage and report generation				■	■	■	■	■	■	■
Fiber inspection tips/adapters										
SC-UPC patch cord and bulkhead inspection						■		■	■	■
SC-APC patch cord and bulkhead inspection	■	■	■	■	■	■	■	■	■	■
LC-UPC patch cord and bulkhead inspection	■			■	■	■	■	■	■	■
Additional inspection tips available (additional cost)	300	300	300	300	300	300	300	300	300	300
Testing										
Integrated broadband power meter (dBm)		+10			+23	+15	+15	+15	+15	+15
EPON/GPON (1310/1490/1550) power meter						■	■	■	■	■
10 GE PON (1270/1577) power meter								■	■	■
Visual fault locator (FVL-050) w/ 2.5 mm and 1.25 mm adapters					■		■		■	■
Handsfree utility boot					■	■	■	■	■	■
Cleaning										
Universal 2.5 mm dry cleaning tool					■		■		■	■
Universal 1.25 mm dry cleaning tool					■		■		■	■
Cleaning solvent and wipes (wet cleaning)					■		■		■	■

FBPT Inspection Tips

Not all inspection tips are shown; 300+ available

Connector Type	Part No. / Inspection Tip	Application	Description
SC/UPC	FBPT-SC		Inspect SC-PC connectors through a bulkhead.
	FBPT-U25M		Inspect universal 2.5 mm UPC patch cord connectors (SC, ST, FC).
	FBPT-SCFC-A6		Inspect SC-PC connectors, angled 60 degrees, through a bulkhead.
SC/APC	FBPT-SC-APC		Inspect SC-APC connectors through a bulkhead.
	FBPT-U25MA		Inspect universal 2.5 mm APC patch cord connectors (SC, ST, FC).
LC/UPC	FBPT-LC		Inspect LC-UPC connectors through a bulkhead.
	FBPT-LC-L		Inspect LC-UPC connectors through a bulkhead.
	FBPT-U12M		Inspect universal 1.25 mm UPC patch cord connectors.

The VIAVI advantage

Market leader with the largest portfolio in the industry

- Offering kits for every need and price point
- Recognized for providing excellent value and quality products

Inspect both patch cord and bulkhead connectors

- Prevents cross-contamination
- Eliminates going behind patch panels to disconnect fibers for inspection
- Eliminates safety hazard because technicians do not look into the fiber

More than 300 inspection tips available

- Provides 10 times more tips than our competitors
- Enables inspection of all connectors in your network (current and future)

Integrated inspection and test kits

- Combines fiber inspection, cleaning, and testing (power meter and VFL) in one kit
- Cuts total inspection and test time in half
- Promotes best practices for technicians