

Brochure

# VIAVI

## 180 DSP-Lite

Installation and service meter for  
cable service providers and contractors  
**A Trilithic Series Field Meter**

Featuring fast measurements and powerful troubleshooting tools, the 180 DSP-Lite comes equipped with all the tests a cable service installer needs to ensure the highest quality installation—at a price point making fleet-wide deployment feasible. Tailored for the challenges faced by installers, contractors, and service techs, the 180 DSP-Lite helps simplify decision making and streamlines standardization processes and procedures, while improving tech efficiencies and the overall health of the entire system.

The 180 DSP-Lite features an intuitive, color touchscreen interface, simple pass/fail indicators, and autotest apps to streamline basic RF installation and make the installer’s job easier. Everything about this meter was built with the technician in mind—from the quick charge time, to its unique, built-in LED flashlight and glow in the dark keypad for those dark, cramped spaces. Techs will appreciate the quickness and efficiency of the flexible and easy-to-operate interface inspired by modern smart devices.

With its built-in Ethernet port, all testing results can be easily uploaded to StrataSync for near real-time views of measurement data. The USB port enables handy connection of optional fiber instruments to expand test capability as fiber extends deeper into the network. The Home Leakage option enables pressurization testing to ensure that the home coaxial network is tight, and to quickly find the root cause of any leaks that can also allow ingress.

### Benefits

- Simplifies installation and troubleshooting
- Speed, accuracy and dependability to get the job done right on the first visit
- Autotest reduces installer entry errors and improves decision making

### Features

- 1.25 GHz range with channel plan auto discovery
- Intuitive, color touchscreen with simple pass/fail indicators
- High-intensity LED flashlight designed for working in cramped, dark spaces

### Applications

- DOCSIS 3.1 OFDM signal testing
- Powerful troubleshooting improves system health



## Standard Tests

- Level; C/N
- QAM (MER/BER/Constellation/EQ)
- OFDM (Average level; Max P/V; In-channel tilt; PLC constellation, level, pre/post BER, MER; Decoder stress vs time; Default profile summary)
- Complete Channel Plan Scan with Tilt
- Return Spectrum Analysis (4 to 205 MHz)
- Auto Discovery of Channel Plans

## Options

- Hum Measurement
- Forward Spectrum Analysis (5 to 1,250 MHz)
- MP-60/80 USB Power Meter
- P5000i Fiber Inspection Scope
- Home Leakage and Test Kit

## VIAMI Care Support Plans

Increase your productivity for up to 5 years with optional VIAMI Care Support Plans:

- Maximize your time with on-demand training, priority technical application support and rapid service.
- Maintain your equipment for peak performance at a low, predictable cost.

For more Information: go to [viavisolutions.com/viamicareplan](https://viavisolutions.com/viamicareplan)

## Features

\*5-year plans only

Plan	Objective	Technical Assistance	Factory Repair	Priority Service	Self-paced Training	5 Year Battery and Bag Coverage	Factory Calibration
 BronzeCare	Technician Efficiency	Premium	✓	✓	✓		
 SilverCare	Maintenance & Measurement Accuracy	Premium	✓	✓	✓	✓*	✓



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To reach the VIAMI office nearest you,  
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