

# DIAMOND OLiD

## Fiber Optic Equipments

DNA P2P Network Acceptance Kit

### OLiD FAMILY

The DIAMOND Network Acceptance (DNA) Kit is an FBG-based (Fiber Bragg Grating), easy-to-use testing system for fiber-optic P2P networks. The system provides the capability of a clear Optical Line Identification (OLiD), thanks to the integration of FBGs within connectivity components. This allows the line integrity and link correctness to be checked from a single access point. OLiD is a technically valuable and efficient alternative to the time- and resource-consuming red-light examination method. The system does not interfere with the standard telecom P2P operating bandwidth, therefore it can also be used on lines that are already active. OLiDs can be written into many different standard FO components, e.g. UGTs (optical transition adapters), pigtailed or patch cords that can be temporarily or permanently installed both in the Central Office (CO) or on Optical Termination Outlets (OTO), as well as wherever the application would require. The DNA Kit is designed for multiple-use and contains a practical cleaning and inspection kit for maintenance.

### FEATURES AND BENEFITS

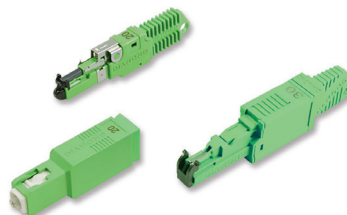
- ▶ Available with up to 48 unique OLiDs in the 800 nm to 870 nm range
- ▶ Does not interfere with the standard P2P telecom wavelengths
- ▶ Test kit can be deployed rapidly, forgoes the need for expensive red-light testing (dual manpower not needed) and reduces the need to access private premises
- ▶ Fast search and identification process for installation errors and outages
- ▶ Immediate recognition of the OLiD and subsequent database creation
- ▶ Easy-to-use OLiD Interrogator unit
- ▶ Cleaning kit and inspection microscope included for field maintenance of the OLiD Intelligent components

### CONTENT LIST

- ▶ Durable, stackable tool storage box with top unit for measuring device and 2 shallow drawers for coded UGT modules and accessories
- ▶ Diamond OLiD Interrogator, incl. USB cable
- ▶ Up to 48 different OLiD optical transition adapters (UGTs)
- ▶ Cleaning kit and inspection microscope
- ▶ Measuring patch cords
- ▶ Software and instruction manual

### AVAILABLE UGT'S

- ▶ E-2000™ APC
- ▶ F-3000™ APC LC compatible)
- ▶ SC APC
- ▶ Other interface types upon request (only APC)



### SIZE & WEIGHT

- ▶ Measures (L x W x D): 440 x 326 x 331mm
- ▶ Weight: 3.5kg

### ORDER INFORMATION

Please contact your nearest local Diamond representative or fill in the contact form available on the [www.diamond-fo.com](http://www.diamond-fo.com) website.

### SINGLE MODE APC



DNA Kit

**OLiD**  
Optical Line Identification



DIAMOND SA • Via dei Patrizi 5 • CH-6616 Losone • Switzerland  
Tel. +41 91 785 45 45 • Fax +41 91 785 45 00 • e-mail [info@diamond-fo.com](mailto:info@diamond-fo.com)

[www.diamond-fo.com](http://www.diamond-fo.com)

Specifications subject to change  
without notice

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