

# DIAMOND OLiD

## Fiber Optic Components

### OLiD INTELLIGENT COMPONENTS

DIAMOND OLiD outlets are products that include OLiD pigtailed based on FBG (Fiber Bragg Grating) technology and are suitable for permanent installation and integration into fiber optic P2P networks.

OLiD pigtailed allow clear Optical Line Identification thanks to an FBG code directly written into the fiber, and does not interfere with standard P2P telecom wavelengths. In a P2P network installation, this technology is used to identify each fiber line and manage the OLiD information through a database owned by the network operator. The OLiD can also be remotely read using the Diamond OLiD interrogator.

After installation, an acceptance test can be carried out by verifying that each network section is connected correctly according to the planning.

Following line activation, OLiD outlets guarantee quick detection of network outages, and offer a valid support tool during the troubleshooting process. The OLiD outlets with pigtailed can also be delivered with the Diamond FTTH Box providing significant time savings in FTTH installations. The FTTH Box includes a plastic reel with the installation cable that is pre-assembled to the desired length; the cable can be installed into the existing cabling infrastructure with minimal effort.

### FEATURES AND BENEFITS

- ▶ Allows a unique address to be assigned to each client
- ▶ Up to 48 different OLiD in the range of 800nm to 870nm
- ▶ Fewer accesses to private premises required thanks to remote interrogation
- ▶ Quick detection of outages and rapid troubleshooting process
- ▶ No interference with standard P2P telecom wavelengths
- ▶ Negligible additional Insertion Loss (IL)
- ▶ F-3000® APC mating adapters and connectors equipped with laser and dust covers, to protect eyes and the plug surface area

### AVAILABLE OLiD OUTLETS

- ▶ Surface mounted or wall embedded outlets for F-3000® APC connector
- ▶ FTTH Boxes for F-3000® APC connector

### DIAMOND OLiD INTERROGATOR

The Diamond OLiD interrogator kit contains all the tools and instructions needed to perform an Optical Line Identification on P2P networks



### 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.



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## OLiD Outlets

### SINGLE MODE APC



Diamond OLiD surface and wall embedded outlets



Diamond OLiD FTTH Box

# OLiD

Optical Line Identification

*Specifications subject to change without notice*

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