FIBERID

The FIBERID is a light–weight, rugged, easy–to–use installation and maintenance instrument designed for fast, accurate identification and traffic testing of optical signals without cutting the fiber cable or interrupting service.

Hobbes' new FIBERID provides the functionalities required to detect and identify the direction of propagation of an in fiber signal to sensitivity level of –40dBm at 1550nm. The clever shielding design to diminish light leakage, and maintain the power value accuracy. FIBERID is designed for detect an active fiber, identify traffic direction, and measures the power transmitted through the fibers without disconnect it. Also, it uses a safe and reliable macro–bending technique that does not disrupt traffic, nor damage or overstress the fiber.

During installing, maintenance or troubleshooting fiber work system, the FIBERID often necessary to isolate a specific fiber from a bundle without disrupting service, by simple clamping the FIBERID onto a fiber, the unit will indicate if there is no signal at 270Hz, 1KHz, 2KHz, or traffic and show signal direction, it also can measures and displays fiber core power or relative power on the LCD display, when trace the fiber cables, it can detect the optical tones, which provide by any Hobbes' item of OPTISource series, too. The FIBERID is simple and reliable to use with one hand, just need to operate with the battery, and will enhance the performance of your staff.

Features

- Hand–held, lightweight, rugged, battery–powered
- High efficiency live fiber and dark fiber test tool
- It contains movable shielding design to diminish light leakage and maintain power value accuracy
- Fiber type: 8–10um, 250um, 900um, 2mm and 3mm
- Modulated tone for 270Hz, 1KHz and 2KHz and compatible with Hobbes' OPTISource when trace Fiber cable
- Bidirectional traffic detection
- Continuous signal power display
- With LCD display
- Low battery indication

Specifications

- Wavelength: 800 to 1700nm
- Fiber type: 8 to 10um, 250um, 900um, 2mm and 3mm
- Display type: LCD
- Tone recognition: 270Hz, 1KHz and 2KHz
- Power range (dBm): 20 to –40 (1550nm)
- Power measuring repeatability: ±1dB
- Insertion loss: < 1dB@1310nm, < 2.5dB@1550nm
- Power measure unit: dBm, dB
- Power supply: 9V battery

Order Information

258010 FIBERID fiber identifier

Patented

- When user pull down the trigger of FIBERID, the shielding design is able to diminish light leakage, and maintain the power value accuracy.

Hobbes® INNOVATION