LFI 110
Live Fiber Identifier Accessory

Features

♦ FTTx active OLT or ONT detection

♦ Easily snaps on to RP 440, 450, 455 or RP 460 Optical Power Meter

♦ Allows in service testing on Singlemode Networks

♦ Accepts 900 um, 2mm and 3mm jacketed SMF-28 and bend insensitive fiber

♦ Detects 2kHz tone alert from incoming 2kHz signal generator, DLS 355

♦ Non invasive testing, will not place active channel in alarm condition

Description

The LFI 110 Live Fiber Identifier Accessory is a rugged accessory tool that is designed to fit onto the RP 400 series optical power meters from ODM Inc. This useful device allows the detection of active channels or 2kHz tones on any singlemode network. The LFI 110 is designed to accommodate 900 micron, 2mm or 3mm jacketed fibers.

The LFI 110 is designed to snap into any RP 400 series optical power meter offering enhanced functionality to the RP 400 power meter. Measurements displayed on the RP 400 power meter will have direct correlation to the actual core power with measurement repeatability of +/- 2dB. No longer is it necessary to purchase a stand alone fiber identifier for active channel identification.

The LFI 110 allows the technician to identify available fibers in the F2 portion of the FTTx network without the disruption of existing subscribers. The LFI is also a useful tone detector when used with the compatible ODM DLS 355 dual laser source.

Ordering Information

Model	Includes
LFI 110	Users guide and carry case to hold LFI 110 and RP 400 series power meter

Specifications

LFI 110 with	RP 460-02	RP 460-03
Network configuration	Singlemode Long Haul, CO to CO or FTTx	
Core Power Measurement Range	+ 23 to – 30dBm	+23 to -40dBm
Induced Loss (SMF 28)	< 1.5dB @ 1550nm	
Absolute core power accuracy (SMF28e)	+/- 2dB within measurement range	
Tone identification	2kHz Incoming signal, Audible Alert	
Measurement Storage	Available when used with RP 455 & RP 460	
Dimensions	4.0x1.5x1.5 in. (10x1.25x1.25cm)	
Weight	2.0 oz (6g)	

* Accuracy measured at –10dBm and 25°C, all other specifications are @ 25°C.

NOTE: ODM Inc. offers a complete line of patch cords, adapters, cleaning aids and accessories for all aspects of optical testing. All power meters from ODM may be combined with LED or Laser Sources (TP 200 or DLS 300 series) providing a complete test kit solution. Please visit www.odm-inc.com for more information and a list of local stocking distributors.