

FOC-100

FOC90501

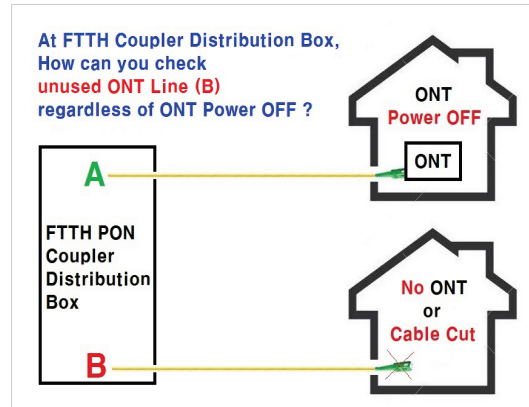
FTTH ONT Connection Status Checker & Power Meter

TheFibers is pleased to introduce *new* FTTH ONT Connection Status Checker & Power Meter (**FOC-100**) which is designed for checking **unused ONT line** at FTTH PON Distribution Box (Splitter Node) regardless of ONT power Off. Also **FOC-100** is a kind of multi-functional tester which checks OLT/ONT signal status, and measure optical power and return loss in optical networks. **FOC-100** can be a bi-directional optical power meter between OLT and ONT which can measure the power of optical signal from ONT in burst mode and it also can be a general power meter which can measure optical power of 1310nm, 1490nm and 1550nm wavelengths signals in CW mode.



Special Features

- Check unused ONT line regardless of ONT power Off
- Easy to check at FTTH Distribution Box (Splitter Node)
- No need to visit to subscriber's home
- No breakable (pass through) while check
- Indicate signal presence or absence (live or dead line)
- Optical power measurement of ONT signal in burst mode
- General power meter for 1310/1490/1550nm in CW mode



Specifications

Model	FOC -100
LD Wavelength	1310nm
PD type	InGaAs Pin-PD
Calibrated Wavelength	1310nm Burst, 1310, 1490, 1550nm
Measurement Range	CW -40dBm ~ 10dBm Burst -30dBm ~ 10dBm
ONT Line Indicate	Conn (ONT Power On or Off), no Conn (No ONT or Cable Cut)
Accuracy (CW)	+/-0.5dB @-20dBm
Resolution	0.01dB
Return Loss Accuracy	+/-1.0dB
Fiber type	Singlemode 9/125um
Measurement unit	dBm, nm
Adapter type	FC/APC
Display	LCD (with LED backlight), 2 color LED (ONT Connection Indicator)
Battery	3.7V rechargeable Lithium Ion Battery
Battery Life	>3 hours (continuous usage)
Charging and Charging Time	micro USB power cable, 1 hour
Dimension and Weight	128.2 (W) x 66.2 (H) x 30 (D) mm, 150g

Standard Package

P/N: **FOC-100**

- 1 FTTH ONT Connection Status Checker (included Battery)
- 1 FC/APC to SC/APC (or SC/UPC) Patchcord
- 1 FC/APC to SC/APC (or SC/UPC) Hybrid Adapter
- 1 USB cable
- 1 PushCleaner-2.5
- 1 Strap
- 1 Manual

TheFibers
CREATIVE FIBERS

TheFibers Inc.
A-1109 Keumkang Penterium IT Tower, 282 Hagui-ro, Anyang-City, Korea
Tel: +82-31-381-6108 Fax: +82-31-381-6109 sales@thefibers.com