



MAINTENANCE AUDIO FIBER TRACER FT3000

Designed for The Telecom Operators and all contractors working on inner cities, Metro links & long-haul fibre Networks. Test before you cut your fibres with the essential Fibre tool FT3000.

The FT3000 is designed for fiber optical technicians who need a low cost Maintenance free portable battery operated easy to use instrument for tracing and identifying fibre optic internal and external cables.

■ TEST BEFORE YOU CUT ■



With its unique patented technology, The FT3000 produces Audio & Visual signals by tapping the target Fiber/cable. Choose any dark fiber from your ODF or patch panel with a good reflection at the end of the cable, connect the ft3000 to the cable, press start and the FT3000 will give you the end of cable distance from the ODF/Patch Panel, by using the distance mode 1,2,3 on the FT3000 you can tap the cable up to 60klms from point to point in the field along the cable route, This allows the engineer to make cable location records from point to point of the fibre network and identify he or she is working on the correct fibre before preparing any maintenance work that is required, this also saves time and money and this is the only safe way of identifying the cable.

It also works on the new generation of bend-insensitive fiber, something difficult or impossible to do with conventional visual fiber identifiers or OTDRs.

These features make the FT3000 extremely useful when troubleshooting & maintaining medium to large premises LANS as well as metropolitan Area Networks.



Specifications

Optical	
Wavelength	1550nm ¹⁾
Output optical power	>20mW (pulse peak power)
Dynamic range	13 dB (one pass loss) ²⁾
Event detection range (audio)	1~60km (Max.)
Event detection range (distance)	1~60km (Max.)
Event distance repeatability	± 150m@ cable tracer mode 1 (0~30km) ± 300m@ cable tracer mode 2 (0~45km) ± 500m@ cable tracer mode 3 (0~60km)
Optical connector	SC/APC (AFT port), SC/PC (fault locator port)
Optical fiber type	Single mode fiber @ 1310nm
Electrical	
Power	24 VDC, 2.5A
Battery	Li Ion 10.8V 2.4Ah (rechargeable/replaceable)
Battery operation time	Full operation : > 8 hours
Battery charging time	1.6 hours
Power adapter	Input : 100~240V AC, 50/60Hz, 1.5A Output : 24VDC, 2.5A
Mechanical	
Dimensions (H X W X D)	176 X 100 X 246 mm (6.9 X 3.9 X 9.6 in) ³⁾
Weight	2.5 kg approx. (5.5lbs) ⁴⁾
User Interface	
Display	Character LCD
Misc. interface	Audio jack for 32 Ω earphone USB port for maintenance
Environmental	
Operating temperature	-10 ~ +50 °C (non-condensing)
Storage temperature	-10 ~ +60 °C (long term)
Other functions	
Visual fault locator	635nm LD, output power : 0.6mW typ.

KEY FEATURES

- Fibre Tracing & Fiber cable identification
- Total Length of target Fiber/ Cable Distance to end of Cable (New feature)
- Distance to event per location (New feature)
- Wide dynamic range
- Battery operation with 8 hours working time
- Hand held unit
- Approved by many Telecom providers as an essential tool
- Soft carry case standard
- Calibration Not required
- RoHS Compliance
- VFL included
- Audio Headset

1) For other wavelengths ask us at GLOBAL TMP

2) One pass cable loss : total optical loss between the FT3000 optical port and the end of fiber under test
(For fiber loss of 0.2dB/km, event detection available for up to maximum of 60km)

Distance measurement available over lengths of 200m~60km (Measurement repeatability : ± 100m@<30km, ± 400m@<60km)

3) Shock protective rubbernot included

4) Battery (0.4kg) included