

OFI - 30A/AT Optical Fibre Identifier

Product Overview

The OFI-30A/AT Optical Fibre Identifier detects optical signal's presence, type and direction on fibres during network deployment, maintenance, and troubleshooting.

Non-destructive macro bend detecting technique prevents fibre damage and interference with service delivery. The OFI 30A/AT Optical Fibre Identifier is a valuable instrument for optical maintenance. It can detect both SM and MM fibres in any position without causing damage. When

paired with an OFI 30A/AT Optical Signal Generator, the system may inject low frequency signals online and locate specific fibres without modulating the optical fibre signal.



Features

- Low-frequency signal online injection
- Does not interfere with the online optical fibre
- Supports a variety of optical fibre diameters
- Auto signal identification
- Non-destructive detection
- Indicates signal presence, strength and direction
- CW/MOD tones detection
- Buzzer indication
- Digital Display for relative optical power
- Detected low-frequency signal emitted by OFI-30AT
- Handheld and sturdy

Specifications

MODEL	OFI-30A
Identified Wavelength Range	800-1700nm
Detector Type	InGaAs



Adapter Type	Ø0.25 (Applicable for Bare Fibre); Ø0.9 (Applicable for Ø0.9 Cable);Ø2.0 (Applicable for Ø2.0 Cable), Ø3.0 (Applicable for Ø3.0 Cable)	
Identified Signal Type(HZ)	CW, 270, 1K, 2K	
Signal Direction	Left & Right LED	
Signal Direction Test Range (dBm,CW/3mm bare fibre)	-20 ~ +10 (1310nm) -30 ~ +10 (1550nm)	
Signal Power Test Range (dBm,CW/3mm bare fibre)	-30~+10	
Signal Frequency Display (Hz)	270, 1K, 2K	
	Φ0.9, Φ2.0	-30 ~ 0
Frequency Test Range(dBm, Average Value)	Φ0.9, Φ2.0	-25 ~ 0
	Φ3.0	270Hz,1KHz
	Φ3.0	2KHz
Frequency Test Range(dBm, Average Value)	0.8 (1310nm)	
	2.5 (1550nm)	
Battery electric power display	Power double color LED	
Weight (without batteries)	<210g	
MODEL	OFI-30AT	
Signal types	1Hz low-frequency signal	
Signal mode	Mechanical vibration	
Insertion Loss	<1dB (1310nm)	
Fibre Type	G657A1, G657A2, G655, G652D	
Fibre Diameter	0.9/2/3	
Weight (without batteries)	<230g	
Alkaline Battery(V)	9V	
Operating Temperature(°C)	0 ~ +50	
Storage Temperature(°C)	-10 ~ +70	
Dimension (mm)	209X33X31	

* Specifications subject to change without notice

Ordering Information

OFI-30A, OFI-30AT, User Manual, Soft carrying case, Alkaline battery, Header*4 and Light shield

