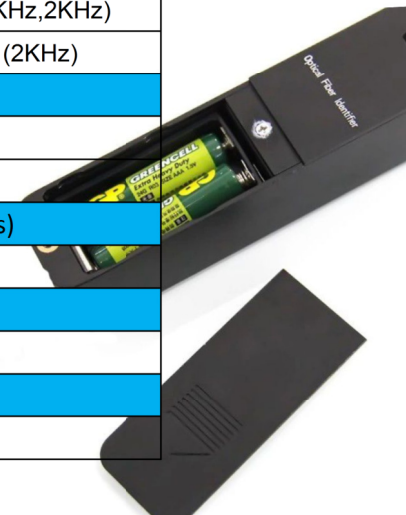# TC-15 Fiber Identifier

TC-15 Optical Fiber Identifier is an essential instrument for the installation and maintenance of optical fiber projects. It can easily detect any spot of SM fiber cables. Through inserting a 1310 or 1550 modulated signal   into the fiber, it is used to indicate the direction of the transmitting signals, find and locate the specific fiber without interrupting the current work during the installation, cabling and maintenance. The TC-15 optical fiber identifier also recognize the modulation like 270Hz, 1kHz and 2kHz .When they are used to detect the frequency, the continuously audible tone is activated.

SPECIFICATIONS

Model	TC-15		
Identified Wavelength Range	800-1700nm		
Detector Type	Ø1mm InGaAs 2pcs		
Identified Signal Type	CW , 270Hz±5%, 1kHz±5%, 2kHz±5%		
Singe Direction Test Range (dBm, CW/0.9mm bare fiber)	-46~10(1310nm)		
	-50~10(1550nm)		
Adapter Type	Ø0.9/Ø0.25 for bare fiber; Ø 2.0/Ø3.0 for pigtail		
Signal Power Test Range (dBm, CW/0.9mm bare fiber)	-50~+10		
Frequency Test Range (dBm, Average Value)	Ø0.9, Ø2.0, Ø3.0	-30~0 (270Hz,1KHz)	
		-25~0 (2KHz)	
	Ø0.25	-25~0 (1KHz,2KHz)	
		-20~0 (2KHz)	
Signal Direction	Left & Right LED		
Insertion Loss (dB, Typical Value)	0.8 (1310nm)		
	2.5 (1550nm)		
Power Supply	AAA 1.5V(2pcs batteries)		
Operating Temperature	-10~+60℃		
Storage Temperature	-25~+70℃		
Weight (g)	195		
Dimension (mm)	196*30.5*27mm		
Signal Frequency Display (Hz)	270, 1K, 2K		

FEATURES

- Easy-to-use with "ONE KEY" operation
- Efficiently identifies the traffic direction and frequency tone(270Hz,   1KHz, 2KHz) with audible warning
- Displays the relative core power
- More accurate test with sunshade
- Easy-to-replace adapters
- Durable metal housing and quality construction
- Lower power indication light
- Easy to carry and loss of adapters can be avoided with new adapter box

APPLICATIONS

- Telecom Projects
- Optical Fiber CATV
- Generic cabling system
- Production and research of optical components