



# Fiber Optic Traffic Identifier and Optical Signal Generator

AR-PFI-OSG



## ① General

### Feature

- Find the optical fiber without online service interruption
- The direction and frequency of signal can be identified safely and effectively
- Provide corresponding adapter for 250um bare fiber, 0.9mm/2mm/3mm patchcord
- The measured fiber power value can be displayed
- Low power consumption, portable and easy operation

### Technical Data

Item	Parameter
Working Wavelength	800nm~1700nm
Sensor Type	Φ1mm InGaAs 2pcs
Adapter Type	H0.25: 250um bare fiber
	H0.9: 0.9mm patchcord
	H2.0: 2.0mm patchcord
	H3.0: 3.0mm patchcord
Identified Signal Direction	LED indicates Left or Right
Identified Signal Frequency	LED indicates 270Hz, 1kHz, 2kHz
Frequency Detection Range H0.9/H2.0/H3.0	270Hz,1kHz: -30~0dBm
	2KHz: -25~0dBm
Signal Direction Detection Range (CW, Φ3mm patchcord)	-20~10dBm(1310nm)
	-30~10dBm(1550nm)
Signal Power Detection Range (CW, Φ3mm patchcord)	-30~10dBm
Insertion Loss (Typical value)	0.8dB(1310nm)
	2.5dB(1550nm)
Battery	9V dry battery
Battery Power Display	Two color LED indicator
Weight	<210g(without battery)
Working Life	>8hours (Depending on the working environment)
Working Temp	0°C~+50°C
Storage Temp	-10°C~+70°C
Dimension	209×33×31mm
Weight	<230g(without battery)

## ① General

### Technical Data

Item	Parameter
Generated Signal Type	1Hz low frequency signal
Signal Generation Mode	Mechanical vibration
Insertion Loss (Typical value)	<1dB(1310nm)
Applicable Optical Fiber Type	G.652, G.655
Applicable Optical Fiber Diameter	0.9mm/2mm/3mm
Battery	9V dry battery
Working Life	>8hours (Depending on the working environment)
Working Temp	0°C~+50°C
Storage Temp	-10°C~+70°C
Dimension	209×33×31mm
Weight	<230g(without battery)