

SAT-6C

Optical Fiber Identifier

SYNERGY TELECOM PVT LTD



Major Features

- ◎ Identify multiple signal frequencies, i.e. 270Hz, 1 kHz and 2 kHz.
- ◎ Display the intensity of optical signal(Low power indication)
- ◎ Show the direction of optical transmission
- ◎ Adapter is available for bare fibers and tail fibers
- ◎ Applicable type 250 μ m/900 μ m coated fibers, 2mm to 3mm pigtailed patch cord
- ◎ Portable, easy operation

With the “Macro bending” testing technique of low insertion loss incorporated

- ◎ Widely used in the construction and maintenance of optical cable, optical fiber communication, and optical fiber CATV, etc
- ◎ Distinguish optical signals in fibers while the fibers aren't excessively pressed
- ◎ Used to detect dull fibers, the direction of signal transmission in fibers, the modulated signal (identifying tone) and the intensity of optical signal or power display. During installation, incision/fusion, maintenance and repair of optical fiber system as well as maintenance in equipment room

Technical index

LED display	No Signal, direction frequency (270Hz,1kHz,2kHz)power display And low power indication.
Detecting range	-38~+20dBm (1310nm) , -40~+20dBm (1550nm)
Range of wavelength for identification	800~1700nm
Type of signal for identification	CW, 270Hz \pm 10%, 1kHz \pm 10%, 2kHz \pm 10%
Type of detector head	InGaAs
Detecting sensitivity	Min. -55dBm
Applicable optical fiber specification	H 0.25 bare fiber; H0.9/H2.0/H3.0 tail fiber
Power supply	2 X 1.5V AA Alkaline cells
Insertion loss	H 0.25~H 0.9: 0.3 dB, H 2.0~H 2.5: 0.5dB, H 2.5~H3.0: 1.0 dB
Working time	\geq 8 hours

Ambient Parameters

- ◎ Operating temperature:-10~50 $^{\circ}$ C
- ◎ Storage temperature:-40~70 $^{\circ}$ C
- ◎ Humidity:0~95% (non condensing)
- ◎ Dimension:L \times W \times H:200 \times 80 \times 40mm
- ◎ Weight:0.2kg

