

OPTICAL TALK SET

WITH STABLE LIGHT SOURCE



I. INTRODUCTION

Optical Talk Set is an efficient instrument that combines in one set the functions of both a digital optical phone and a stabilized light source. It is widely used in operations of installation, optical testing, maintenance, CATV and telecommunication network. It can carry out full-duplex communication with high quality connection and not be affected by distance. With comfortable hand feelings, and nice outside looking the user can easily operate on this optical tester.

II. FEATURES

- Full-duplex digital communication with high quality conversation connection and low background noise.
- Together with optical clip-on coupler, enables on line communications available.
- Combining functions of both a digital optical phone call and a stabilized light source.
- Large LCD display with backlight
- Low battery power indication
- Laser source have the modulation of 270Hz, 330Hz, 1KHz, 2KHz.

III. SPECIFICATIONS

Product Name	Optical Talk Set
Wavelength (nm)	1310(A)/1550(B)
Fiber Type	SM
Dynamic Range (dB)	40
Distance (km)	80
Laser Device Type	FP-LD
Output Power (dBm)	≥-5

Output Stability (dB, 30min, 20°C) ①	<0.05
Modulation	CW, 270Hz, 330Hz, 1KHz, 2KHz
Connector Type	FC/SC/ST
Battery	3*AA, 1.5V
Battery Operation Time (h) ②	30 (Talk Set Function) 50 (Laser Source Function)
Work Temperature (°C)	-10~+60
Storage Temperature (°C)	-25~+70
Dimension (mm)	200×90×50
Weight (g)	435 (Include the headset)
<p>Remark:</p> <p>①: Laser source in modulation, may influence the stability of the output power, this is the normal case.</p> <p>②: The battery operation time is defined under the backlight off. If the backlight on, the operation time may shorter.</p>	