

### OTS-4 Optical Talk Set

#### Description

Two pairs of OTS-4 Optical Talk Sets support Tri-party communication via Clip-on coupler device. The high dynamic range ensures the quality of voice and long distance transmission. The dynamic range of OTS-4 is 50dB at 1550nm for long distance communication. Hands-free (HF) speaker provides users with convenient operation.

Why should we use the optical talk set? In some remote areas, the mobile phone may be out of service and tow operators, who are laying down a optical cable for optical network, have to have a conversation, in these situations, the talk set is essential. With the talk set the two operators can have a conversation via a intact optical fiber. It is easy and reliable.



Part Number	Description
OTS-4	Optical talk set, A:1310nm,B:1550nm (unit A works at 1310nm, unit B works at 1550nm), FC/PC connector,50dB

#### Features

- Power-saving design, long-time operation
- Articulate voice, low background noise
- Judgmental calling function
- 32 steps volume control
- Low-power alarm
- Maximum dynamic range 50dB@1550nm for long distance communication
- Able to be used as a steady laser source

#### Specification

Wavelength	A:1310nm,B:1550nm (unit A works at 1310nm, unit B works at 1550nm)
Telecommunication System	Full duplex communication
Fiber Type	SM & MM (the dynamic range will shrink 20dB for MM fiber)
Spectral Width	<15nm
Adaptor Type	FC/PC
Dynamic Range	50dB
Output Power	-3dBm
Power Supply	Replaceable build-in Ni-MH Battery & .AC/DC adaptor
Operating Hours	40 hours (standard)
Tri-party Communication	√
Hands-free Speaker	YES
Dimension	220L*110W*45H
Operating Temperature	-10~+50°C
Storage Temperature	-20~+70°C
Operating Humidity	<90%(Non-condensing)
Net Weight	550g (including battery)

#### Standard accessories

main units (unit A and unit B), 2\*headphones, 12\*AA rechargeable batteries, 2\*carrying bags, 2\*AC/DC charger, 2\*user manuals, test report

#### Optional accessories

Clip-on coupler, tri-party communication line

#### Customization

SC/PC adaptor, ST/PC adaptor