

FTS-20

Fiber Talk Set



FTS-20 is a multifunctional fiber talk set consolidating with full-duplex talk set, stable laser sources, a tone generator and a detector. Its built-in steady laser sources can be used as regular ones to meet needs. It provides high-quality voice communication over a single fiber; it also supports three-way communication.

Specifications

Model	FTS-20
Wavelength	Channel A: 1310nm, Channel B: 1550nm (unit A works at 1310nm, unit B works at 1550nm)
Communication System	Full duplex communication
Modulation type	Simulated and Numerical
Fiber type	SM & MM (the dynamic range will be 20dB shrink with MM fiber)
Spectral Width	<15nm
Output power	-3dBm
Stability (dB)	Short Term (15 minutes): <0.05dB Long Term (8 Hours or above): <0.1dB
Connector type	SC, FC or ST
Dynamic range	50dB @1550nm, 45dB @1310nm
Buzzer	16 KHz carrier wave
Power supply	Ni-MH battery
Operating hours	40 hours
Tri-party communication	YES
Hands-free speaker (built-in)	YES
Dimension	220L x 110W x 45H
Operating temperature	-10 ~ +50°C
Storage temperature	-20 ~ +70°C
Operating humidity	< 95%
Weight with Battery	550g

Note: Specifications subject to change without notice

Key Features

- Energy-saving design, long-time operation
- Provides a steady laser source with high output power
- High-quality voice, low background noise
- Judgmental calling function
- Supports three-way communication
- 32 steps volume control
- Extended dynamic range to 50dB
- Low-power alarm
- Auto shutdown

Standard Package

- Main units (unit A and unit B)
- FC, SC or ST Connector
- Rechargeable Battery
- AC/DC adapter
- Carrying Case
- Operating Manual
- Headset

Ordering Information

FTS-20-X-Y

X – Unit (A or B)

Y – Connector type (FC, SC or ST)

Options

Part Number	Descriptions
FTS-30-Clip	Clip on live fiber
MFA-FCLC	FC (Male) to LC (Female) Adapter
MFA-SCLC	SC (Male) to LC (Female) Adapter
MFA-STLC	ST (Male) to LC (Female) Adapter
Other types of connectors	Upon request
Hard-case	Aluminum case