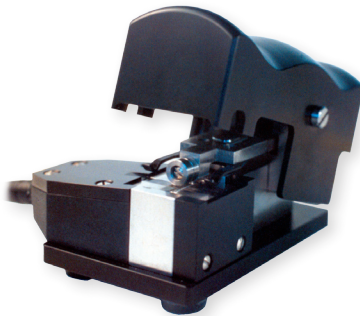




FTS2



FTS-20C

NOYES® FTS2 Series Fiber Optic Talk Sets

Fiber optic talk sets are an inexpensive solution to meet your communication needs when testing multimode or single-mode fiber optic cables. Designed for voice communication over spare fibers, they provide full duplex, hands-free operation. Ease-of-use and compact size allow the operators to focus on the task at hand, rather than operating the talk set.

FTS2 talk sets excel at long-range single-mode applications and provide solid multimode performance. The FTS2 includes a multi-party communication feature, which provides the connection of two talk sets at a common site to extend the range or to include three or more persons in the conversation.

FTS-20C Clip-on Coupler

A clip-on coupler is available for bare fiber access where terminated ends are not available. The FTS-20C allows bi-directional communication from the center point on a single-mode fiber link or from the unterminated end. When used with a fiber talk set, such as the FTS2, the user can access the intended talk fiber at the mid-point across the span, usually at the splice enclosure. The FTS-20C can also be used in conjunction with a laser source or a tone detector to inject or detect 2 kHz test tones. It works at 1310, 1550 or 1625 nm. Coupling efficiency is approximately 18 dB.

Features

- Single fiber, full duplex
- Single-mode fiber
- Field portable, hands-free operation
- Automatic connection
- Multi-party communication
- Digital technology
- Call-back feature/ringing

Applications

- Voice communication over optical fiber links
- Testing schedule not impacted by cell phone coverage
- Military and other secure locations

NOYES®
FTS Series Fiber Optic Talk Sets

Specifications ^a

MODEL	FTS2-1310	FTS2-1550
OPTICAL		
Wavelength	1310 nm	1550 nm
Dynamic Range MM/SM	20 ^b /45 dB	20 ^b /45 dB
Distance Range (km)		
Multimode (OM1-OM4)	>20	>20
SMF 28e ^c	128	225
Fiber Type	MM/SM	
Connector	FC, SC, ST, LC	
Emitter Type	Laser	
Emitter Classification	Class I FDA 21 CFR 1040.10 and 1040.11, IEC 60825-1: 2007-03	
GENERAL		
Power	4 AA alkaline or AC adapter	
Weight in Use	0.52 kg (1.16 lb)	
Size (H x W x D)	18.5 x 11.1 x 4.6 cm (7.3 x 4.4 x 1.8 in)	
Operating Temperature	0°C to +50°C, RH 0 to 90 % non-condensing	
Storage Temperature	-20°C to +50°C, RH 0 to 90 % non-condensing	

Ordering Information

INCLUDES	AFL NO.
Protective rubber boot, batteries, headset, carry case	FTS2-1310-CC ^{d,e}
Protective rubber boot, batteries, headset, carry case	FTS2-1550-CC ^{d,e}

Calibration Plans

AFL recommends annual calibrations on NOYES Test and Inspection products. Prepaid Cal plans offer two annual calibrations at a discounted price, a convenient calibration expiration email service, express calibration services and access to the NOYES product knowledge base. Cal Plus plans offer the same services as the Cal plans with the addition of a two year extended warranty (three years total coverage).

MODEL	AFL NO. (2 YR CAL PLAN)	AFL NO. (2 YR CAL PLUS PLAN)
FTS2 (pair)	CAL2-00-FTS2	CAL2-01-FTS2

Notes:

- a. All specifications valid at 25°C unless otherwise specified.
- b. Typical.
- c. 0.35 dB/km @ 1310 nm, 0.2 dB/km @ 1550 nm.
- d. Fiber Optic Talk Sets are purchased in pairs. Two units required for communication.
- e. Where "CC" indicates adapter: FC, SC, ST, LC (must pick one). Additional adapters may be ordered separately.



NOYES International Sales and Service Contact Information

Available at www.AFLglobal.com/NOYES/Contacts