

Fiber Optic Talk Sets



FTS 1

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.

Two talk set models are available, the FTS 1 for communication on single-mode or multimode fiber and the FTS 2 for long-range single-mode applications. The FTS 2 model includes a multiparty 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.

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



FTS 2

Specifications

MODEL	FTS 1-2	FTS 2-1310	FTS 2-1550
Wavelength	1300 nm	1310 nm	1550 nm
Fiber Type	MM, SM	SM	SM
Dynamic Range (MM / SM)	12 dB / 20 dB	45 dB	45 dB
Output	Class I		
Connector Type	FC, SC, ST		
Power	9V or AC	4 AA Alkaline	4 AA Alkaline
Features			
One Fiber	Yes		
Digital Modulation	Yes		
Multiparty	No	Yes	Yes



FTS 20C

Accessories

MODEL	DESCRIPTION	FTS 1	FTS 2
4050-00-0111	AC Adapter 90-264 VAC / 9 VDC (specify power cord)	•	•
8500-10-0900	FTS-20C Clip-on Coupler		•