

# FTBx-9600 Utility Module



**40G**  
**100G**

Integrated couplers and splitters into the LTB-8 platform.

## KEY FEATURES

1 x 2 to 1 x 8 couplers

Various coupling ratios to fit the application

Protected component to avoid breaking or damaging

Available with EI or EA connectors, and compatible with EXFO's Universal Interface (EUI)

## RELATED PRODUCTS AND ACCESSORIES



**Rackmount Platform**  
LTB-8



**MEMS Optical Switch**  
FTBx-9160



**ITLA Tunable Light Source**  
IQS-2800

**EXFO**

SPECIFICATIONS <sup>a</sup>								
Coupler	FTBx-9600-01-02-01S-XX	FTBx-9600-01-02-05S-XX	FTBx-9600-01-02-10S-XX	FTBx-9600-01-02-25S-XX	FTBx-9600-01-02-50E-XX	FTBx-9600-01-04-25E-XX	FTBx-9600-01-08C-12E-XX	FTBx-9600-01-08L-12E-XX
Coupling ratio	1/99	5/95	10/90	25/75	50/50	Equal 25%	Equal 12.5%	Equal 12.5%
Fiber type (µm)	9/125	9/125	9/125	9/125	9/125	9/125	9/125	9/125
Wavelength (nm)	1550	1310/1550	1550	1550	1310/1550	1310/1550	1550	1585
Bandpass (nm)	1530/1565	1270/1350 1510/1590	1510/1590	1520/1570	1270/1350 1510/1590	1270/1350 1510/1590	1510/1590	1545/1625
Insertion loss (dB)	≤ 21.0/≤ 0.5	≤ 15.0/≤ 1.0	≤ 10.8/≤ 0.6	≤ 6.4/≤ 2.1	≤ 3.9	≤ 7.5	≤ 10.2	≤ 10.8

**Note**

a. Specifications valid at 23 °C ± 5 °C.

GENERAL SPECIFICATIONS				
Coupler		1 x 2	1 x 4	1 x 8
Number of slots		1	2	3
Dimensions	Height	25 mm (1 in)	50 mm (2 in)	75 mm (3 in)
	Width	159 mm (6 ¼ in)	159 mm (6 ¼ in)	159 mm (6 ¼ in)
	Depth	185 mm (6 7/8 in)	185 mm (6 7/8 in)	185 mm (6 7/8 in)
Temperature	Operating	0 °C to 40 °C (32 °F to 104 °F)		
	Storage	-40 °C to 70 °C (-40 °F to 158 °F)		
Maximum relative humidity		80 % non-condensing at 40 °C		

### ORDERING INFORMATION

**FTBx-9600-01-XX-XX-XX**

**Coupler type** ■

- 02 = 1 x 2
- 04 = 1 x 4
- 08C = 1 x 8 coupler (C band)
- 08L = 1 x 8 coupler (L band)

**Coupling ratio** ■

- 01S = 1/99
- 05S = 5/95
- 10S = 10/90
- 25S = 25/75
- 50E = 50/50
- 12E = 1 x 8 equal 12.5 %
- 25E = 1 x 4 equal 25 %

**Connector** ■

- EI-EUI-89 = UPC/FC narrow key
- EI-EUI-90 = UPC/ST (EI only)
- EI-EUI-91 = UPC/SC
- EI-EUI-98 = UPC/LC
- EA-EUI-89 = APC/FC narrow key
- EA-EUI-91 = APC/SC
- EA-EUI-98 = APC/LC

Example: FTBx-9600-01-02-01S-EI-EUI-89

EXFO Headquarters > Tel.: +1 418 683-0211 | Toll-free: +1 800 663-3936 (USA and Canada) | Fax: +1 418 683-2170 | info@EXFO.com | [www.EXFO.com](http://www.EXFO.com)

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