

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^a

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



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