

FTBx-9600 Utility Module



Integrated couplers and splitters into the LTB-8 platform.

SPEC SHEET

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

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) ^b	≤ 21.0/≤ 0.5	≤ 15.0/≤ 1.0	≤ 10.8/≤ 0.6	≤ 6.4/≤ 2.1	≤ 3.9	≤ 7.5	≤ 10.2	≤ 10.8

GENERAL SPECIFICATIONS		
Coupler	1 x 2, 1 x 4	1 x 8
Number of slots	1	3
Dimensions	height width depth	75 mm (3 in) 159 mm (6 ¼ in) 185 mm (7 ⅝ in)
Temperature	operating storage	0 °C to 40 °C (32 °F to 104 °F) -40 °C to 70 °C (-40 °F to 158 °F)
Maximum relative humidity	80 % non-condensing at 40 °C	

Notes

- a. Specifications valid at 23 °C ± 5 °C.
- b. Typical

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 %^a
- 25E = 1 x 4 equal 25 %^b

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

Notes

- a. Available for FTBx-01-08 models only
- b. Available for FTBx-01-04 models only

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