FTBx-9600 Utility Module

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

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	25 mm (1 in)	75 mm (3 in)
	width	159 mm (6 ¼ in)	159 mm (6 ¼ in)
	depth	185 mm (7 5/16 in)	185 mm (7 5/16 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	

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]

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

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

Notes

a. Available for FTBx-01-08 models only

b. Available for FTBx-01-04 models only

EXFO