

FTBx-9600 Utility Module



40G
100G

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-9600-01-04-08C-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