



LaserBlade-*DFB*

DFB Laser Source

Key Features

- Your choice of 1, 2 or 4 lasers per blade
- Highly customizable laser source
- Wide range of wavelengths and powers

Order Information

Mainframe: **MTP1000 | MTPmini**

DFB lasers for LR4, O-band or E-band wavelengths

LaserBlade - DFB - 4 - XX - 7 - SM - XX

Wavelength

LR4 = 1296, 1300, 1305, 1309 nm
OCWDM4 = 1271, 1291, 1311, 1331 nm
ECWDM4 = 1351, 1371, 1391, 1411 nm

Connector Type

FC = FC/PC
FA = FC/APC
SC = SC/PC
SA = SC/APC

DFB lasers for 1310 nm

LaserBlade - DFB - X - 1310 - 10 - SM - XX

Number of Lasers

1 = 1 laser
2 = 2 lasers
4 = 4 lasers

Connector Type

FC = FC/PC
FA = FC/APC
SC = SC/PC
SA = SC/APC

Technical Specifications

General Specifications	LaserBlade
Dimensions (HxWxD)	130 mm x 40mm x 305 mm (5.1" x 1.6" x 12")
Weight	~ 1 kg (~2.2 lbs)
Operating temperature range	5 °C to 45 °C (41 °F to 113 °F)
Storage temperature range	-40 °C to 70 °C (-40 °F to 158 °F)

	LR4	OCWDM4	ECWDM4	1310 nm
Number of channels	4			1, 2 or 4
Fiber	SMF-28			
Output power	7 dBm			10 dBm
Wavelength	1296 nm 1300 nm 1305 nm 1309 nm	1271 nm 1291 nm 1311 nm 1331 nm	1351 nm 1371 nm 1391 nm 1411 nm	1310 nm
Wavelength accuracy	±3 nm			
Optical connector type	FC/PC, FC/APC, SC/APC, SC/PC			
Side mode suppression ratio	30 dB			
Laser safety disable	Yes			

Notes: PRELIMINARY SPECS AS OF AUGUST 2017.

To find out more, get in touch with us today.

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