

BlackDiamond F32Fi Module

Product Description

The BlackDiamond 6800 series F32Fi module supports up to 32 100BASE-FX ports. Its primary application is for 100 Mbps multimode fiber backbone links and wiring closet to desktop links.

Key Features

- Summit i series ASIC support
- 32 100BASE-FX ports
- MT-RJ connectors
- Multimode fiber interface

Ordering Information

Product Number	Description
52021	32-port 100BASE-FX MT-RJ Module

Specifications

General

Line Rate	100 Mbps
Fiber Type	MMF
Connector Type	MT-RJ
Power Budget	11 dBm
Max. Distance	2 km
Wavelength	1310 nm

ExtremeWare Requirement

- ExtremeWare Version 6.1.8b13 or later

Standard Network Protocols

- Fast Ethernet: IEEE 802.3u, 100BASE-FX
- Link Aggregation: IEEE 802.3ad

Physical Specifications

- Occupies one slot in a BlackDiamond 6800 series chassis
- Module dimensions (H x W x D): 16.16 x 1.63 x 17 in. (41 x 4.13 x 43.18 cm)
- Module weight: 5.0 lbs (2.27 Kg)
- Shipping box dimensions (H x W x D): 23.63 x 21.25 x 3.13 in. (60 x 54 x 7.94 cm)

Environmental Conditions

- Operating temperature: 0° to 40° C
- Storage temperature: -40° to 70° C
- Operating relative humidity: 10% to 95%, noncondensing
- Operating altitude: -200 to 15,000ft (-60 to 4600m)
- Storage altitude: 35,000ft (11,000m)
- Mean Time Between Failure (MTBF): 159,275 hours
- Power consumption: 119 watts maximum

Safety Compliance

- UL 1950 3rd Edition, Listed (*Safety of ITE*)
- EN60950:1992/A1-4:1997+ZB/ZC Deviations (*Safety of ITE*)
- IEC 950CB (*Safety of ITE*)
- Low Voltage Directive (LVD)
- CSA 22.2#950-95 (*Safety of ITE*)
- AS/NZS 3260 (*product safety standard*)
- EN60825-1 (*Safety of Lasers Products*)
- FCC CFR 21 (*Laser Products*)

EMI/EMC Compliance

- FCC CFR 47 part 15 Class A (*USA EMC standard*)
- ICES-003A/C108.8-M1983 Class A (*Canada EMC standard*)
- VCCI Class A (*Japan EMC standard*)
- AS/NZS 3548 (*Australia EMC standard*)
- EN55022:1998 Class A (*European EMC standard*)
- CISPR 22:1998 Class A (*European EMC standard*)
- EN 55024:1998 includes IEC 61000-4-2, 3, 4, 5, 6, 8, 11 (*European EMC standards*)
- EN 61000-3-2, 3 (*European EMC standards*)

LED Indicators

Status: green blinking (normal operation); amber blinking (error); off (no power)

Diag: amber blinking (diagnostics in progress); amber (diagnostic failure); off (no diagnostics in progress)

Port: green (link ok); green blinking (port disabled); amber (activity), off (no link detected)



3585 Monroe Street Santa Clara, CA 95051-1450 Phone 408.579.2800 Fax 408.579.3000

Email info@extremenetworks.com Web www.extremenetworks.com

© 2001 Extreme Networks, Inc. All rights reserved. Extreme Networks, BlackDiamond, ExtremeWare, Extreme Turbodrives, Summit and ServiceWatch are registered trademarks of Extreme Networks, Inc. in certain jurisdictions. Alpine, ExtremeWare Vista, ExtremeWorks, ExtremeWorks Essentials, ExtremeAssist, ExtremeAssist1, ExtremeAssist2, PartnerAssist, Extreme Standby Router Protocol, ESRP, IP TDM, SmartRedundancy, SmartTraps, Summit1, Summit11, Summit4, Summit4/FX, Summit5i, Summit7i, Summit24, Summit48, Summit48i, SummitLink, SummitGbX, SummitRPS, Extreme Velocity, Extreme Professional Services, vMAN, ExtremeViews, Extreme Ethernet Everywhere, Ethernet Everywhere, Go Purple, the BlackDiamond logo, the Alpine logo, the Summit logo, the ExtremeWorks logo and the Extreme Networks logo are trademarks of Extreme Networks, Inc., which may be registered or pending registration in certain jurisdictions. The Extreme Turbodrives logo is a service mark of Extreme Networks, Inc., which may be registered or pending registration in certain jurisdictions. All other registered trademarks, trademarks and service marks are property of their respective owners. Specifications are subject to change without notice.