



BiDi Fiber SFF

BENEFIT AND KEY FEATURE

High compatible, multi connectors, cost effective are major benefits of SFF series products. ECM offers a methodology for network operators to maximize operational efficiently by selecting one transceiver that works reliably across multiple switch, router, chassis (blade) platforms.

We also provide customized service to meet different environment. You may have each inquiry discussion, such as data rate, wavelength, temperature, power budget, laser, connector, application, etc.

TECHNICAL SPECIFICATION

STANDARD COMPLIANCE

RoHS compliance; UL, cUL, CDRH certificate
Compliant with SONET/SDH optical standards
Low Power Dissipation

DATA RATE & APPLICATION

Fast Ethernet(125Mbps)
Gigabit Ethernet(1.25Gbps)
SONET OC-3/ OC-24 / OC-48
Point to Point Networking
BiDirectional Fiber cable

DISTANCE

550m / 2km / 10km / 20km / 40km / 80km

CONNECTOR

LC / SC

TEMPERATURE

0 ~ 70 °C / -40 ~ 85 °C

WARRANTY SERVICE

Standard 2 years
Customized warranty available

Product Name	Application	Data Rate	Wavelength	Distance	Power Budget	Laser	Interface	Media	Operating Temperature
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SONET OC-3 (155Mbps), Fast Ethernet (125Mbps)

BFL-M3523-I	BiDirectional	155Mbps	1310TX-1550RX	20KM	11dB	FP	LC	SMF	I
BFL-M3523-I	BiDirectional	155Mbps	1310TX-1550RX	20KM	11dB	FP	LC	SMF	I
BFS-M3523-I	BiDirectional	155Mbps	1310TX-1550RX	20KM	11dB	FP	SC	SMF	I
BFS-M3523-I	BiDirectional	155Mbps	1310TX-1550RX	20KM	11dB	FP	SC	SMF	I

SONET OC-24(1.25Gps), Gigabit Ethernet(1.25Gbps)

BFL-G3513-I	BiDirectional	1.25Gbps	1310TX-1550RX	10KM	11dB	FP	LC	SMF	I
BFL-G3513-C	BiDirectional	1.25Gbps	1310TX-1550RX	10KM	11dB	FP	LC	SMF	C
BFL-G5313-I	BiDirectional	1.25Gbps	1550TX-1310RX	10KM	11dB	DFB	LC	SMF	I
BFL-G5313-C	BiDirectional	1.25Gbps	1550TX-1310RX	10KM	11dB	DFB	LC	SMF	C
BFL-G3413-I	BiDirectional	1.25Gbps	1310TX-1490RX	10KM	11dB	FP	LC	SMF	I
BFL-G3413-C	BiDirectional	1.25Gbps	1310TX-1490RX	10KM	11dB	FP	LC	SMF	C
BFL-G4313-I	BiDirectional	1.25Gbps	1490TX-1310RX	10KM	11dB	DFB	LC	SMF	I
BFL-G4313-C	BiDirectional	1.25Gbps	1490TX-1310RX	10KM	11dB	DFB	LC	SMF	C
BFS-G3423-I	BiDirectional	1.25Gbps	1310TX-1490RX	20KM	14dB	FP	SC	SMF	I
BFS-G3423-C	BiDirectional	1.25Gbps	1310TX-1490RX	20KM	14dB	FP	SC	SMF	C
BFS-G4323-I	BiDirectional	1.25Gbps	1490TX-1310RX	20KM	14dB	DFB	SC	SMF	I
BFS-G4323-C	BiDirectional	1.25Gbps	1490TX-1310RX	20KM	14dB	DFB	SC	SMF	C
BFS-G3443-I	BiDirectional	1.25Gbps	1310TX-1490RX	40KM	21dB	DFB	SC	SMF	I
BFS-G3443-C	BiDirectional	1.25Gbps	1490TX-1310RX	40KM	21dB	DFB	SC	SMF	C
BFS-G4583-I	BiDirectional	1.25Gbps	1490TX-1550RX	80KM	24dB	DFB	SC	SMF	I
BFS-G5483-C	BiDirectional	1.25Gbps	1550TX-1490RX	80KM	24dB	DFB	SC	SMF	C

SONET OC-48(2.48Gps), Gigabit Ethernet(1.25Gbps)

BFS-23523-I	BiDirectional	2.48Gbps	1310TX-1550RX	20KM	15dB	DFB	SC	SMF	I
BFS-23423-I	BiDirectional	2.48Gbps	1310TX-1490RX	20KM	15dB	DFB	SC	SMF	I
BFS-23543-I	BiDirectional	2.48Gbps	1310TX-1550RX	40KM	21dB	DFB	SC	SMF	I
BFS-25343-I	BiDirectional	2.48Gbps	1550TX-1310RX	40KM	21dB	DFB	SC	SMF	I