



## Single Fiber Bidirectional Dual W/L SFP Transceiver



### Features

- Support for Gigabit Ethernet (GbE), Fibre Channel (FC), OC3/STM1, 100Base-LX and 10Base-LX
- Link distance of up to 30 km
- SFP MSA SFF-8074i compliant
- Digital Diagnostic SFF-8472 compliant
- Bellcore GR-468 compliant
- Simplex SC connector
- Hot swappable

### Overview

Single fiber bidirectional SFPs provide a simple way to deliver Fiber to the X (FTTX), by combining the transmit and receive functions onto a single fiber with no external splitter/combiner required. With these products you can use a single fiber (instead of a fiber pair) to deliver 10 or 100 Mbps Ethernet, OC-3/STM-1 or even Gigabit Ethernet or Fibre Channel to your customer. Enterprise customers can make use of these modules as well to cut fiber usage in half in campus or fiber to the desktop (FTTD) environments.

MRV Communications' Small Form-Factor Pluggable (SFP) transceivers provide the high speeds and physical compactness that today's networks require while delivering the deployment flexibility and inventory control that network administrators demand. Designed to Multi-Source Agreement (MSA) standards to ensure broad network equipment compatibility, these SFPs are a perfect match for MRV Communications' line of Fiber Driver® pluggable media modules and chassis, and the OptiSwitch® line of routers and switches. Together, they can be used to create the ultimate in managed fiber infrastructures.

For more information contact your nearest authorized MRV Communications dealer and visit our website at [www.mrv.com](http://www.mrv.com)

### Ordering Info (use in pairs as shown)

Part Number	Description	Protocol	Connectors	Wavelength	Output Power (dBm)		Min. Receiver Sensitivity (dBm)	Saturation (dBm)	Min. Link Budget (dB)	Supply Voltage (V)	Temperature Range (°C)	Digital Diagnostics	Min Range (km)
					Min	Max							
SFP-03D-BX53	SFP, Single Fiber	100Mb OC3/STM1	SC	1550/1310	-14	-8	-28	-8	14	3.3	-5 to 70	Yes	0 - 30
SFP-03D-BX35				1310/1550									
SFP-GD-BX43	Single Fiber	GbE/FC	SC	1490/1310	-9	-3	-22	-3	13	3.3	-5 to 70	Yes	0 - 25
SFP-GD-BX34				1310/1490									

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