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推动中国和全球光纤到户的普及

让每个人都能享受光纤带来的自由和快乐

About us

Shenzhen Optostar Optoelectronics Co., Ltd was founded in May 2006, headquartered in Nanshan District, Shenzhen, China. As a leading manufacturer and supplier for fiber optical components and system products in China, we can provide our customers with active components, passive components and system products for fiber optical communication fields



such as metro network, access network, fiber channel and FTTX etc. Our company has many advantages in this field: perfect techniques and producing plant, abundant technology development capability and rich OEM & ODM co-operation experience with famous overseas companies. We promise to provide our customers with high quality products and nice services. To achieve your 100% satisfaction is our persistent goal! We are looking forward to establishing a long-term and steady co-operation relationship with you!



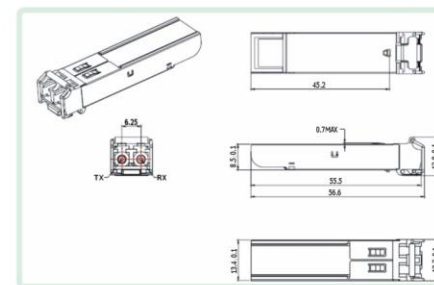
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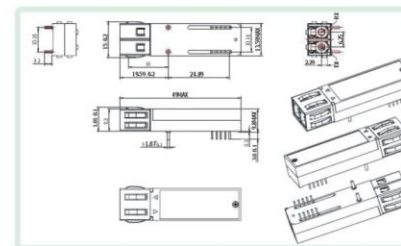
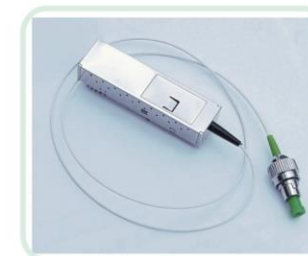
SFP Module

- Data rate 155M/622M/1.25G/2.5G
- 850nm/1310nm/1550nm laser diode transmitter
- PIN/APD photodiode receiver
- SFPMSA package with duplex LC connector
- +3.3V single power supply
- Digital Diagnostic Monitor Interface
- Very low EMI and excellent ESD protection
- Distance from 100m to 100km
- CWDM option



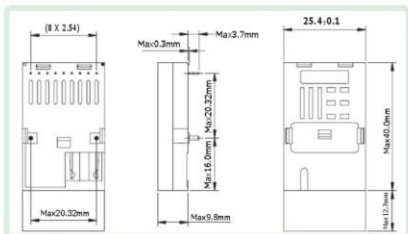
SFF Module

- Datarate 155M/622M/1.25G/2.5G
- 850nm/1310nm/1550nm laser diode transmitter
- PIN/APD photodiode receiver
- SFF MSA package with duplex LC connector
- +3.3V single power supply
- Digital Diagnostic Monitor Interface
- Very low EMI and excellent ESD protection
- Distance from 100m to 100km
- CWDM option
- 2*5 or 2*10 option



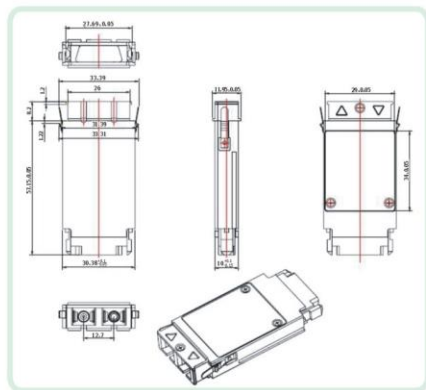
1 x 9 Transceiver

- Data rate: 52M/155M/622M/1.25G
- 850nm/1310nm/1550nm/CWDM Laser diode
- Industry standard 1x9 package
- Duplex/Bi-DI SC receptacle and plastic package
- Single +5V or +3.3V power supply & PECL or LVPECL interface
- Compliant with specifications for IEEE 802.3z
- Compliant with specifications for G.957/958



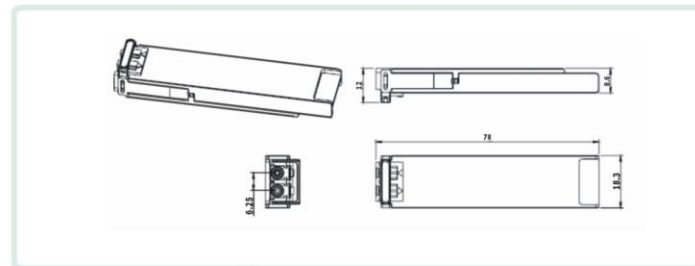
GBIC Module

- Single +3.3V or +5V Power Supply
- Hot-Pluggable Duplex SC Connector
- Gigabit Ethernet 1000Base-SX/LX/XD/ZX at 1.25Gb/s Option
- Eye Safety, Meet Laser Class 1, Compliant with IEC 60825-1
- Compliant with Telcordia (Bellcore) GR-468-CORE
- Compliant with Specifications for IEEE-802.3
- Compliant with ANSI Specifications for Fiber Channel Applications at 1.06Gb/s



XFP Module

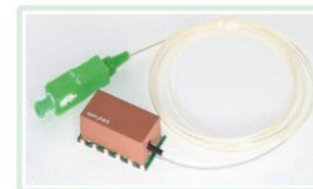
- 850nm/1310nm/1550nm laser diode transmitter
- Support 9.95Gb/s to 11.3Gb/s data rate
- Less than 2.5W power consumption
- XFP MSA package with duplex LC connector
- Digital Diagnostic Monitor Interface
- Very low EMI and excellent ESD protection
- +3.3V/5V power supply
- Operating temperature range from 0°C to 70°C
- No reference clock requirement



CATV Module

- Excellent linearity
- Extremely low noise
- Excellent flatness
- Standard CATV outline
- Rugged construction
- FC/APC/SC/APC

Fiber CATV net (FTTH). It transforms optical signal to electronic signal and amplifies the signal at the same time. Integrative design and SMD encapsulation were employed. Features include high reliability, excellent stability and extremely low noise. Power supply can be 5V or 12V.



SC SFP Module



Copper SFP Module



Copper GBIC Module



1 x 9 Transceiver

Part No	Data rate	Tx	Sen	Rx	P-out	Reach	Top	Others	Application
OP-MA11381S3-15	155Mbps	1310nm	<-35dBm	PIN	-14~-8dBm	15km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA11381S5-15	155Mbps	1310nm	<-35dBm	PIN	-14~-8dBm	15km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA11381S3-40	155Mbps	1310nm	<-35dBm	PIN	-4~-0dBm	40km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA11381S5-40	155Mbps	1310nm	<-35dBm	PIN	-4~-0dBm	40km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA11581S3-80	155Mbps	1550nm	<-36dBm	PIN	-4~-0dBm	80km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA11581S5-80	155Mbps	1550nm	<-36dBm	PIN	-4~-0dBm	80km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA21381S3-15	622Mbps	1310nm	<-29dBm	PIN	-14~-8dBm	15km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA21381S5-15	622Mbps	1310nm	<-29dBm	PIN	-14~-8dBm	15km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA21381S3-40	622Mbps	1310nm	<-29dBm	PIN	-3~-2dBm	40km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA21381S5-40	622Mbps	1310nm	<-29dBm	PIN	-3~-2dBm	40km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA21581S3-80	622Mbps	1550nm	<-29dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	Ethernet,SDH
OP-MA21581S5-80	622Mbps	1550nm	<-29dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA485S1S3-0.55	1.25Gbps	850nm	<-19dBm	PIN	-9.5~-4dBm	0.55km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel
OP-MA485S1S5-0.55	1.25Gbps	850nm	<-19dBm	PIN	-9.5~-4dBm	0.55km	0~70°C	DFB,5V	Ethernet,SDH
OP-MA41381S3-10	1.25Gbps	1310nm	<-20dBm	PIN	-9.5~-3dBm	10km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel
OP-MA41381S5-10	1.25Gbps	1310nm	<-20dBm	PIN	-9.5~-3dBm	10km	0~70°C	DFB,5V	Ethernet,Fiber Channel
OP-MA41581S3-80	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel
OP-MA41581S5-10	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,5V	Ethernet,Fiber Channel

SFP Module

Part No	Data rate	Tx	Sen	Rx	P-out	Reach	Top	Others	Application
OP-MP4RJ451	1.25Gbps	--	--	--	--	0.1km	0~70°C	1000BASE-T Copper	--
OP-MP113L1MN-2	155Mbps	1310nm	<-32dBm	PIN	-20~-14dBm	2km	0~70°C	LED,3.3V	Ethernet,SDH
OP-MP113L1SN-15	155Mbps	1310nm	<-28dBm	PIN	-15~-8dBm	15km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MP113L1SD-15	155Mbps	1310nm	<-28dBm	PIN	-15~-8dBm	15km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP113L1SN-40	155Mbps	1310nm	<-34dBm	PIN	-5~-0dBm	40km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MP113L1SD-40	155Mbps	1310nm	<-34dBm	PIN	-5~-0dBm	40km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP113L1SN-80	155Mbps	1550nm	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MP113L1SD-80	155Mbps	1550nm	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDP1XLXN-80	155Mbps	CWDM	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V	CWDM
OP-MP485L1MN-0.55	1.25Gbps	850nm	<-17dBm	PIN	-9~-3dBm	0.55km	0~70°C	VCSEL,3.3V	Ethernet,Fiber Channel,SDH
OP-MP413L1SN-10	1.25Gbps	1310nm	<-19dBm	PIN	-9~-3dBm	10km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MP413L1SD-10	1.25Gbps	1310nm	<-19dBm	PIN	-9~-3dBm	10km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP413L1SN-40	1.25Gbps	1310nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MP413L1SD-40	1.25Gbps	1310nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP415L1SN-40	1.25Gbps	1550nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MP415L1SD-40	1.25Gbps	1550nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP415L1SN-80	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MP413L1SD-80	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDP4XLXN-80	1.25Gbps	CWDM	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	CWDM
OP-MP613L1SD-15	2.5Gbps	1310nm	<-18dBm	PIN	-5~-0dBm	15km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP613L1SD-40	2.5Gbps	1310nm	<-27dBm	APD	-2~-3dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MP615L1SD-80	2.5Gbps	1550nm	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDP6XLXN-80	2.5Gbps	CWDM	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V	CWDM
OP-MDP6XLXD-80	2.5Gbps	CWDM	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V,DDMI	CWDM
OP-MP785L1SN-0.55	4Gbps	850nm	Max:-15dBm@4.25G	PIN	-9~-3dBm	0.55km	-40~85°C	VCSEL,3.3V,MMF	Ethernet,Fiber Channel,SDH

GBIC Module

Part No	Data rate	Tx	Sen	Rx	P-out	Reach	Top	Others	Application
OP-MG485S1M4-0.55	1.25Gbps	850nm	<-17dBm	PIN	-9.5~-4dBm	0.55km	0~70°C	VCSEL,5x3.3V	Ethernet,Fiber Channel,SDH
OP-MG41381S4-10	1.25Gbps	1310nm	<-23dBm	PIN	-9.5~-3dBm	10km	0~70°C	FP,5V&3.3V	Ethernet,Fiber Channel,SDH
OP-MG41381S4-40	1.25Gbps	1310nm	<-24dBm	PIN	-2~-2dBm	40km	0~70°C	DFB,5V&3.3V	Ethernet,Fiber Channel,SDH
OP-MG41581S4-40	1.25Gbps	1550nm	<-23dBm	PIN	-4~-0dBm	40km	0~70°C	DFB,5V&3.3V	Ethernet,Fiber Channel,SDH
OP-MG41581S4-80	1.25Gbps	1550nm	<-24dBm	PIN	0~-5dBm	80km	0~70°C	DFB,5V&3.3V	Ethernet,Fiber Channel,SDH
OP-MG41581S4-120	1.25Gbps	1550nm	<-30dBm	APD	0~-5dBm	120km	0~70°C	DFB,5V&3.3V	Ethernet,Fiber Channel,SDH
OP-MDG6XLXD-70	1.25Gbps	CWDM	<-24dBm	PIN	-2~-5dBm	70km	0~70°C	DFB,5V&3.3V	CWDM

SFF Module

Part No	Data rate	Tx	Sen	Rx	P-out	Reach	Top	Others	Application
OP-MF4RJ451	1.25Gbps	--	--	--	--	0.1km	0~70°C	1000BASE-T Copper	--
OP-MF113L1MN-2	155Mbps	1310nm	<-32dBm	PIN	-20~-14dBm	2km	0~70°C	LED,3.3V	Ethernet,SDH
OP-MF113L1SN-15	155Mbps	1310nm	<-28dBm	PIN	-15~-8dBm	15km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MF113L1SD-15	155Mbps	1310nm	<-28dBm	PIN	-15~-8dBm	15km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF113L1SN-40	155Mbps	1310nm	<-34dBm	PIN	-5~-0dBm	40km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MF113L1SD-40	155Mbps	1310nm	<-34dBm	PIN	-5~-0dBm	40km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF115L1SN-80	155Mbps	1550nm	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MF113L1SD-80	155Mbps	1550nm	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDF1XLXN-80	155Mbps	CWDM	<-34dBm	PIN	-5~-0dBm	80km	0~70°C	DFB,3.3V	CWDM
OP-MF485L1MN-0.55	1.25Gbps	850nm	<-17dBm	PIN	-9~-3dBm	0.55km	0~70°C	VCSEL,3.3V	Ethernet,Fiber Channel,SDH
OP-MF413L1SN-10	1.25Gbps	1310nm	<-19dBm	PIN	-9~-3dBm	10km	0~70°C	FP,3.3V	Ethernet,Fiber Channel,SDH
OP-MF413L1SD-10	1.25Gbps	1310nm	<-19dBm	PIN	-9~-3dBm	10km	0~70°C	FP,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF413L1SN-40	1.25Gbps	1310nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MF413L1SD-40	1.25Gbps	1310nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF415L1SN-40	1.25Gbps	1550nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MF415L1SD-40	1.25Gbps	1550nm	<-23dBm	PIN	-5~-0dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF415L1SN-80	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	Ethernet,Fiber Channel,SDH
OP-MF413L1SD-80	1.25Gbps	1550nm	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDF4XLXN-80	1.25Gbps	CWDM	<-23dBm	PIN	-3~-2dBm	80km	0~70°C	DFB,3.3V	CWDM
OP-MF613L1SD-15	2.5Gbps	1310nm	<-18dBm	PIN	-5~-0dBm	15km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF613L1SD-40	2.5Gbps	1310nm	<-27dBm	APD	-2~-3dBm	40km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MF615L1SD-80	2.5Gbps	1550nm	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDF6XLXN-80	2.5Gbps	CWDM	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V,DDMI	Ethernet,Fiber Channel,SDH
OP-MDF6XLXD-80	2.5Gbps	CWDM	<-28dBm	APD	-2~-3dBm	80km	0~70°C	DFB,3.3V,DDMI	CWDM
OP-MF785L1SN-0.55	4Gbps	850nm	Max:-15dBm@4.25G	PIN	-9~-3dBm	0.55km	-40~85°C	VCSEL,3.3V,DDMI	Ethernet,Fiber Channel,SDH

XFP Module

Part No	Data rate	Tx	Sen	Rx	P-out	Reach	Top	Others	Application
OP-MX885S1MN-0.3	10 Gbps	850nm	<-9.9dBm	PIN	-7.3~-1dBm	0.3km	0~70°C	SR	10 G
OP-MX81381SN-10	10 Gbps	1310nm	<-14.4dBm	PIN	-8.2~-0.5dBm	10km	0~70°C	LR	10 G

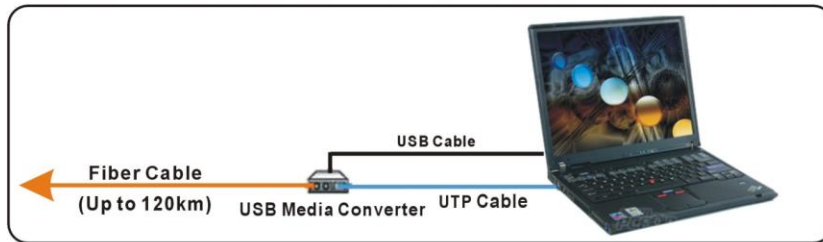
Media Converter

OPTOSTAR Ethernet Media Converter series can be used to bridge the gap between UTP and fiber in 10/100 mbps or 1000 mbps networks, half- or full-duplex mode, the distance is up to 120km. OPTOSTAR Ethernet Media Converters comply with IEEE802.3&IEEE802.3u, IEEE802.3ab, IEEE802.3z standards. Support IEEE802.1p, IEEE802.1q, IEEE802.3x standards and are easy for installation and maintenance.

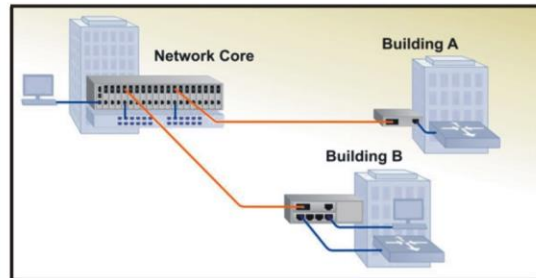
10/100M External MC	10/100M Internal MC	10/100/1000 Internal MC	1000M SFP MC
10/100/1000 SFP MC	Gigabit SM to MM MC	10/100 4UTP+1Fiber MC	PCI LC Fiber Card

New Products

USB Power Supply Media Converter



Application:

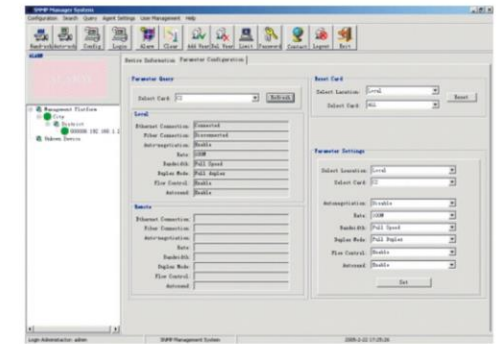
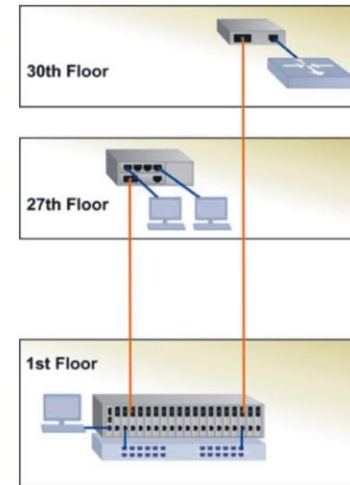


Media Converter Chassis

Media Converter Chassis not only reduces the number of tie wires and simplifies the structure, but also facilitates easy management and maintenance. AC 220V, DC 48V and single power supply, double power supply are optional.

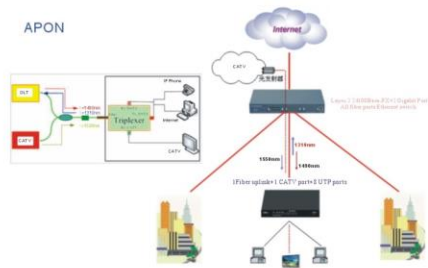
2U 14 Slots	2U 16 Slots	2U 16 Slots (Gigabit)
<ul style="list-style-type: none"> *Supports 14 external stand-alone 10/100M Media Converter *Two power supplies *Dual Fiber or WDM fiber MC 	<ul style="list-style-type: none"> *Supports 16 Cards *Normal 10/100 Cards, no management *10/100 Cards and 1 SNMP Card, supports simple management (optional) 	<ul style="list-style-type: none"> *Supports 16 10/100, 1000 Cards *Supports Telnet, Web, SNMP management. *Supports LFP function

Application:



Ethernet Switch

Broadband communications are widely adopted with the advent of FTTH technologies. IP communication devices are deployed in the FTTH networks, such as EPON system and Media Converters are hence indispensable. Optostar is able to fulfill customers' expectations for high quality and high reliability.



Features:

- * Compliant with IEEE 802.3/802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1d standards.
- * Management: WEB, TELNET, CONSOLE, SNMP
- * Supports Static Port Priority and IEEE 802.1p standard
- * Service (CoS) with 4-level priority queuing
- * Supports Port-Based VLAN and IEEE 802.1Q Tag VLAN
- * Supports Port Trunking
- * Supports the configuration function of Port Security
- * Broadcast Storm
- * Control and Port Mirror
- * High MTBF of over 50,000 hours
- * Working temperature: 32-140°F (0-60°C)
- * Humidity: 5%-90% non-condensing

Hot Product OP-S2126F

OP-S2126F is a 24-port 10/100Mbps Fiber ports stackable Ethernet switch with optional 2 Gigabit SFP slots/UTP ports. OP-S2126F is a dedicated Ethernet switch featuring high performance for the branch office or department of a large enterprise and intelligent community network access.



Dumb Switch

5 ports Dump Switch OP-S1005	8 ports Dump Switch OP-S1008	16 ports Dump Switch OP-S1016	24 ports Dump Switch OP-S1024
Compliant with IEEE 802.3/802.3u Ethernet standards. Dumb switch (without management) Provides 10/100Mbps RJ-45 ports auto-negotiation Supports full and half duplex. Automatically learn MAC addresses.		Store & forward switching methods High MTBF of over 50,000 hours Hard design available for harsh environments Working temperature: 32-140°F (0-60°C) Humidity: 5%-90% non-condensing	

Web Smart Switch

8 ports Web Switch OP-S2008	16 ports Web Switch OP-S2016	24 ports Web Switch OP-S2024
8/16/24 10/100Mbps Web Smart Switch Quick and easy setup with Web-based management Supports Port-Based VLAN and IEEE 802.1Q Tag VLAN Supports Static MAC address and filtering MAC address management		Supports the configuration function of Port Security, Broadcast Storm Control and Port Mirror Supports Virtual Cable Test Supports Static Port Priority and IEEE 802.1p Class of Service (CoS) with 4-level priority queuing Supports firmware upgrade, configuration backed up and restored

Layer-2 Manage Switch

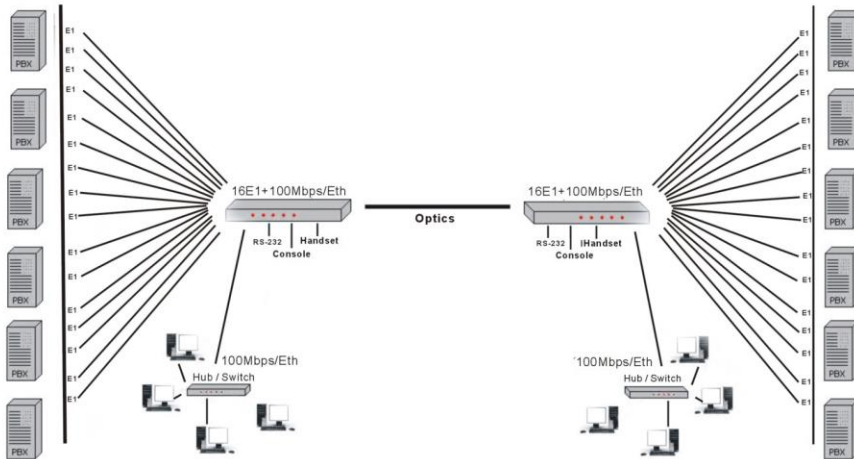
24 10/100M UTP Ports+2 SFP Slots Switch OP-S2126	24 100M Fiber Ports+2 SFP Slots Switch OP-S2126F	48 10/100M UTP Ports+4 SFP Slots Switch OP-S2152	48 100M Fiber Ports+4 SFP Slots Switch OP-S2152F
Compliant with IEEE 802.3/802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1d standards. Management: WEB, TELNET, CONSOLE, SNMP Supports Static Port Priority and IEEE 802.1p Class of Service (CoS) with 4-level priority queuing Supports Port-Based VLAN and IEEE 802.1Q Tag VLAN Fiber interface is LC		OP-S2126F can configure the following interface: 8 10/100M UTP ports + 16 100M Fiber ports 16 10/100M UTP ports + 8 100M Fiber ports 24 100M Fiber ports OP-S2152F can configure the following interface: 16 10/100M UTP ports + 32 100M Fiber ports 32 10/100M UTP ports + 16 100M Fiber ports 48 100M Fiber ports	

Layer-3 Manage Switch		10/100/1000M Ethernet Switch	
OP-S3012F	OP-S3126F	OP-S2324	OP-S2326M
Compliant with IEEE 802.3/802.3u Ethernet standards. Layer-3 Switch, with Router function Support TELNET, WEB, SNMP, Console management. OP-S3012F Support 12 SFP slots OP-S3126F Support 24 100M Fibers + 2 Giga extend module		10/100/1000M UTP ports Dumb or Management can be chosen. OP-S2324 provide 24 10/100/1000M UTP ports OP-S2326M provides 24 10/100/1000M UTP ports + 2 Giga SFP slots. Please contact us for more details.	

Optical Multiplexer

As bandwidth demand growing, the technology called Plesiochronous Digital Hierarchy (PDH) was developed by ITU-T G.702, whereby the basic primary multiplexer 2.048Mb/s trunks were joined together by adding bits (bit stuffing) which synchronized the trunks at each level of the PDH. 2.048Mb/s was called E1. Optostar provides 1-16E1 PDH optical multiplexers.

Applications:



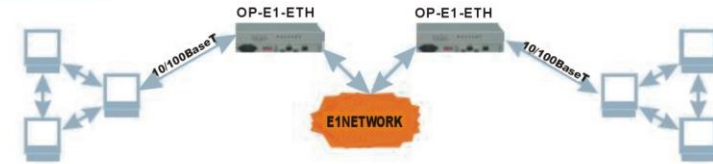
Products

OP-FMO-16E1	OP-FMO-8E1+ETH	OP-FMO-16E1(1+1Fiber)
<ul style="list-style-type: none"> Realizes remote monitor by local equipments (two rows of indicator: The upper row indicates the working status of local devices and the lower row indicates the working status of remote devices). Provides E1 interface in accordance with G.703 Provides function of ordering 4E1/8E1/16E1 to loop-back from the remote end, fiber self-loop at local end Three kinds of power supply: DC-48V, DC+24V or AC220V Transmitting distance: 2-120Km Optical port can be chosen as single fiber or dual fiber Compliant with the telecommunication level operation requirement High MTBF of over 50,000 hours Working temperature: 32-140° F (0-60°C) Humidity: 5%-90% non-condensing 		

Protocol Converter

Optostar's Protocol Converter offers excellent different network's interface communication such as V.35-ETH, ETH-E1, E1-V.35 and so on.

Application:



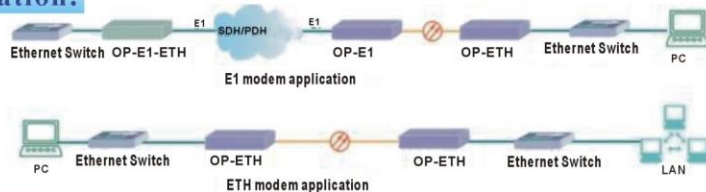
Products:

OP-FE1-V.35	OP-FE1-V.35+RS232	OP-FE1-4V.35
<ul style="list-style-type: none"> Provides Physical conversion between E1 interface and V.35 interface data channel. 	<ul style="list-style-type: none"> Provides Physical conversion between E1 interface and V.35 interface as well as one RS232 data channel. 	<ul style="list-style-type: none"> Provides Physical conversion between E1 interface and 4 V.35 interfaces data channel.
OP-FE1-ETH	OP-4E1-ETH	OP-8E1-ETH
<ul style="list-style-type: none"> Converts 10/100Base-T data to E1 and convert E1 to 10/100Base-T E1 interface: BNC(75Ω) or RJ45(120Ω) 	<ul style="list-style-type: none"> Converts 10/100Base-T data to 4 E1 and converts 4 E1 to 10/100Base-T E1 interface: BNC(75Ω) or RJ45(120Ω) 	<ul style="list-style-type: none"> Converts 10/100Base-T data to 8 E1 and converts 8 E1 to 10/100Base-T E1 interface: BNC(75Ω) or RJ45(120Ω)
OP-E1-RS232/RS422/RS485	OP-E1-ETH+4FXO	OP-16-RJ45-BNC
<ul style="list-style-type: none"> Converts E1 signal to RS232, RS422, RS485 signal E1 interface: BNC(75Ω) or RJ45(120Ω) 	<ul style="list-style-type: none"> Converts E1 signal to RS232, RS422, RS485 signal, also transmits 1-4 voice signals through E1 channel. E1 interface: BNC(75Ω) or RJ45(120Ω) 	<ul style="list-style-type: none"> Provides 16 ports BNC(75Ω) to RJ45(120Ω) impedance converter without power supply

Optical Modem

Optostar's Optical Modem provides a point-to-point high speed data link between two PDH devices. It is ideal for a variety of applications including extending the point of presence from Telco demarcation points, ATM nodes or linking E1 multiplexers.

Application:

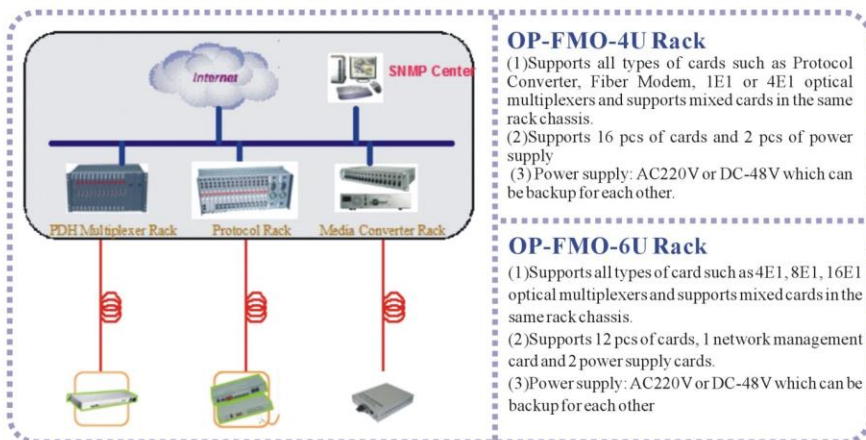


Products:

OP-ETH Optical modem	OP-V.35 Optical modem	OP-FE1 Optical modem
◇ Converts 10/100Base-T Ethernet signal to optical signal	◇ Transmits V.35 signal via Fiber.	◇ Transmits n*64KE1 signal via Fiber.

FMO Chassis

Optostar's FMO Chassis complies with 19 inch length, 4u or 6u height standards. A wide range of FMO, Protocol Converter and Optical Modem can be inserted into the chassis depending on the network cable situation. The Chassis provides a central power supply to the cards.



Digital Video Optical Transmitter & Receiver

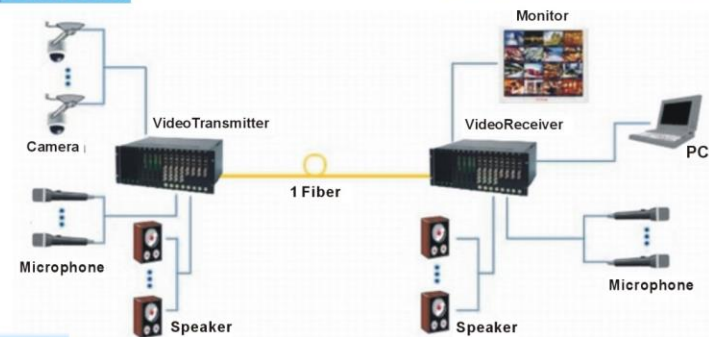
In recent years Digital Video Optical Transmitter & Receiver is being extensively used in security applications.

Reduction in price and increase in demand of Digital Video Optical Transmitter & Receiver has induced the need to develop new techniques.

Optostar provides cost-effective product solutions to our customers with best process control and quality assurance!



Application:



Products:

OP-DV1000ZST/R	OP-DV2000ZST/R	OP-DV4000ZST/R
◇ 1 Channel Forward Video +1 Channel Return Data	◇ 2 Channels Forward Video +1 Channel Return Data	◇ 4 Channels Forward Video +1 Channel Return Data
OP-DV8000ZST/R	OP-DV1600ZST/R	OP-DV6400ZST/R
◇ 8 Channels Forward Video +1 Channel Return Data	◇ 16 Channels Forward Video +1 Channel Return Data	◇ Up to 64 Channels Forward Video +1 Channel Return Data

Optical Connectors



Optical Connectors make connection between optical fibers possible with the ease of connecting and disconnecting by using advanced technology. Optostar connectors promise high quality and reliability. Optostar offers a broad selection of various cordages, including plenum, riser and LSZH and premium/ customized specs for our connective assemblies. Our connective assemblies are tested to meet Telcordia GR-326-CORE for single-fiber connector assemblies and GR-1435-CORE for multi-fiber connector assemblies. Please contact us for more details.

SC Connector



* Please enquire on the Return Loss for Multi-mode fiber

Item		Content	
		Single Mode	Multi Mode
Fiber Type		SM 9/125	G50/125
		DSM 8/125	G62.5/125
		PC polish	<0.3dB
Insertion Loss (with master cord)	APC	<0.5 dB	--
	UPC	--	--
	UPC	>50 dB	*
Return Loss	APC	>60 dB	--
	UPC	>50 dB	*

MU Connector



Item		Content	
		Single Mode	Multi Mode
Fiber Type		SM 9/125	G50/125
		DSM 8/125	G62.5/125
		PC polish	<0.3dB
Insertion Loss (with master cord)	UPC	<0.5 dB	--
	UPC	--	--
	UPC	>50 dB	*

FC Connector



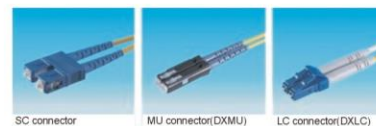
Item		Content	
		Single Mode	Multi Mode
Fiber Type		SM 9/125	G50/125
		DSM 8/125	G62.5/125
		PC polish	<0.3dB
Insertion Loss (with master cord)	APC	<0.5 dB	--
	UPC	--	--
	UPC	>40 dB	--
Return Loss	APC	>60 dB	--
	UPC	>40 dB	--

LC Connector



* Please enquire on the Return Loss for Multi-mode fiber

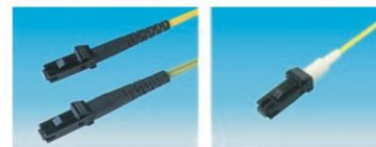
Item		Content	
		Single Mode	Multi Mode
Fiber Type		SM 9/125	G50/125
		DSM 8/125	G62.5/125
		PC polish	<0.3dB
Insertion Loss (with master cord)	UPC	<0.5 dB	--
	UPC	--	--
	UPC	>50 dB	*



Duplex Type Connector

Connects 2 fibers together
Performance is the same as single fiber connector of each respective connector type.

MTRJ Connector



Item		Content	
		Single Mode	Multi Mode
Fiber Type		SM 9/125	G50/125
		DSM 8/125	G62.5/125
Insertion Loss (with master cord)	PC polish	<0.7 dB	<0.3dB
		>26 dB	*

E2000 Connector



UTP Patch Cord



Optical Patch Cord



Our optical patch cord assemblies consist of optical fiber termination with various types of fiber optic connectors such as the FC, SC, MU and LC Connector Types. Our polishing process can ensure certain optical properties with a low Insertion Loss and Return Loss. All of our patch cord assemblies are composed of our top quality Zirconia Ferrules and Connector Housings, ensuring a stable performance at a high quality level. Our patch cord assemblies can be delivered within a short lead time with the lowest prices available.

FC/UPC -LC/UPC-SM-Simplex	MU/UPC-MU/UPC-SM-Simplex
FC /PC-SC/PC-MM-Simplex	MT-RJ-MT-RJ-SM-Simplex
FC/UPC -SC/UPC-SM-Simplex	LC/PC-MT-RJ-MM-Duplex
FC/APC -SC/APC-SM-Simplex	LC/PC-LC/PC-MM-Duplex
LC/APC-LC/APC-SM-Simplex	FC/UPC-LC/UPC-SM-Duplex
SC/PC-LC/PC-MM-Simplex	FC/UPC-SC/UPC-SM-Duplex
SC/UPC-ST/UPC-SM-Simplex	FC/UPC-SC/UPC-SM-Duplex
SC/PC-ST/PC-MM-Simplex	ST/PC-LC/PC-MM-Duplex

Optical Cable

Optical Cable -GYTA53



Optical Cable -GYTA



Optical Cable -GYTXW



Optical Adapter

The Optical Connector is one of the most essential components for Optical Communication. The connectors mate or connect with optical devices, modules and fibers. Two main Zirconia Ferrule sizes are used for Optical Connectors. We offer stable qualified connectors with our own manufactured high quality Zirconia Ferrules. We can provide an array of connector kits and adapters for FC, SC, MU and LC configurations.



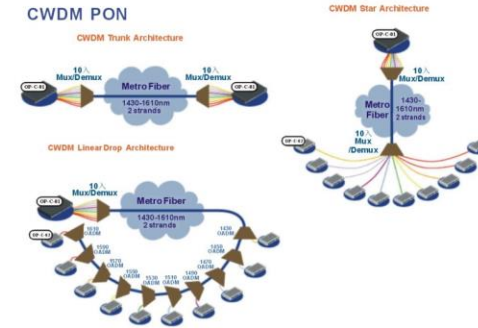
Optical Attenuator



Optical Attenuators are assistant components in optical network. They are widely used in test optical system. Optostar is able to provide different LC, ST, SC, FC types and so on.

CWDM System

C&DWDM (Coarse Wavelength Division Multiplexing) system is specifically designed for Metropolitan Area Network application with 8 wavelength (1470nm-1610nm) via G.652 fiber optics cable. Based on demand of the market, the DWDM (Dense Wavelength Division Multiplexing) wavelength can be inserted to CWDM and makes up of CWDM and DWDM multiplexing system (C&DWDM) to point, link, ring and so on.



GEPON System

Optical transceivers are key components that drive the performance-cost ratio for FTTH networks. With the development of the advanced network architectures such as the GEPON and WDM-PON, the requirements for the functionality and performance of the optical transceivers become increasingly more demanding. Optostar can provide Optical transceivers and GEPON system products with low price and high quality.

