



10/100M & 10/100/1000M Optical Fiber Media Converters



HY-11-DS01



HY-11-GS03

Technical Specifications

HY-11-DS01	
Operating standards	IEEE802.3u、10/100Base-TX and 100Base-FX
MAC addresses table	1K
Data buffer	Built-in 128Kb RAM
Flow Control	Full Duplex: Supporting standard IEEE802.3x Half Duplex: back pressure
LED	Power, FX SD, FX Link/Act, TX 100, TX FDX, TX Link/Act
Power Requirement	AC 100 ~ 240V, 50-60Hz DC 5V, 1A
Dimension	Internal power: 30×110×140mm External power: 26×70×93mm

Order Information:

Model	Connector	Fiber type	Wavelength	Max. distance	TX power	Sensitivity	Link Budget
HY-11-DM01-2	ST/SC	multimode	850/1310nm	2km	-20~-12dBm	-30dBm	10dBm
HY-11-DS01-25	SC	singlemode	1310nm	25km	-14~-8dBm	-32dBm	18dBm
HY-11-DS01-40	SC	singlemode	1310nm	40km	-8~-3dBm	-33dBm	25dBm
HY-11-DS01-60	SC	singlemode	1310nm	60km	-3~0dBm	-36dBm	33dBm
HY-11-DS01-80	SC	singlemode	1550nm	80km	-10~-5dBm	-35dBm	25dBm
HY-11-DS01-100	SC	singlemode	1550nm	100km	-5~0dBm	-36dBm	31dBm
HY-11-DS01-120	SC	singlemode	1550nm	100km	0~3dBm	-36dBm	36dBm

Technical Specifications

HY-11-GS03	
Operating standards	IEEE802.3z/AB, 1000Base-T and 1000Base-SX/LX
MAC addresses table	1K
Data buffer	512Kb
Flow Control	Full Duplex: Supporting standard IEEE802.3x Half Duplex: back pressure
LED	PWR , FX Link/Act, TP FDX, TP Link/Act, TP 100, TP 1000
Power Requirement	AC 220V(100-240V) 50~60Hz DC 5V, 2A
Dimension	26 × 70 × 93mm

Order Information:

Model	Connector	Fiber type	Max distance	Wavelength	TX power	Sensitivity	Link Budget
HY-11-GM03	SC	Multimode	224/ 550m	850nm	-11~-3dBm	-18dBm	7dBm
HY-11-GS03-20	SC	Singlemode	20km	1310nm	-10~-3dBm	-21dBm	11dBm
HY-11-GS03-40	SC	Singlemode	40km	1310nm	-4~0dBm	-25dBm	21dBm
HY-11-GS03-60	SC	Singlemode	60km	1310nm	0~3dBm	-26dBm	26dBm
HY-11-GS03-80	SC	Singlemode	80km	1550nm	-2~2dBm	-26dBm	24dBm
HY-11-GS03-100	SC	Singlemode	100km	1550nm	1~3dBm	-27dBm	28dBm

www.hy-fiber.com

www.hy-fiber.com



Four Ports 10/100/1000M Ethernet Switch & Gigabit Optical Fiber Media Converter



HY-11-SG04



HY-11-GS01

Technical Specifications

HY-11-SG04	
Operating standards	IEEE802.3z/AB, 10/100/1000Base-T and 1000Base-SX/LX
Frame buffer memory	512Kb RAM
Flow control	Full Duplex: IEEE802.3x flow control Half Duplex: back pressure flow control
Power:	AC100 ~ 240V, 50~60Hz DC5V 2A
Dimension	27×125×85mm

Order Information:

Model	Product description
HY-11-SG04	Four ports Gigabit Ethernet Switch with two 10/100/1000M RJ45 ports and two 1000M SFP sockets.

Technical Specifications

HY-11-GS01	
Operating standards	IEEE802.3z/AB, 1000Base-T and 1000Base-SX/LX
Connector:	UTP RJ45, 1000Mbps, Fiber SC/LC, 1000Mbps
Cable	UTP cable: Cat 5e or Cat 6 (the max distance up to 100m) Fiber: multimode : 50/125, 62.5/125µm (the max distance up to 550/224m) singlemode : 8.3/125, 8.7/125, 9/125µm (the max distance up to 100km)
LED	PWR , FX Link/Act, TP TX, TP RX, TP 100, TP 1000
Power	AC 220V(100-240V), 50~60Hz DC 5V, 2A
Dimension	26×70×93mm

Order Information:

Model	Connector	Fiber type	Max distance	Wavelength	TX power	Sensitivity	Link Budget
HY-11-GM01	SC	Multimode	224/ 550m	850nm	-11~-3dBm	-18dBm	7dBm
HY-11-GS01-20	SC	Singlemode	20km	1310nm	-10~-3dBm	-21dBm	11dBm
HY-11-GS01-40	SC	Singlemode	40km	1310nm	-5~0dBm	-25dBm	20dBm
HY-11-GS01-60	SC	Singlemode	60km	1310nm	-6~0dBm	-25dBm	19dBm
HY-11-GS01-80	SC	Singlemode	80km	1550nm	-2~2dBm	-26dBm	24dBm
HY-11-GS01-100	SC	Singlemode	100km	1550nm	0~3dBm	-27dBm	27dBm

www.hy-fiber.com

www.hy-fiber.com