

Managed Family

Stand-alone

10G Ethernet media converter



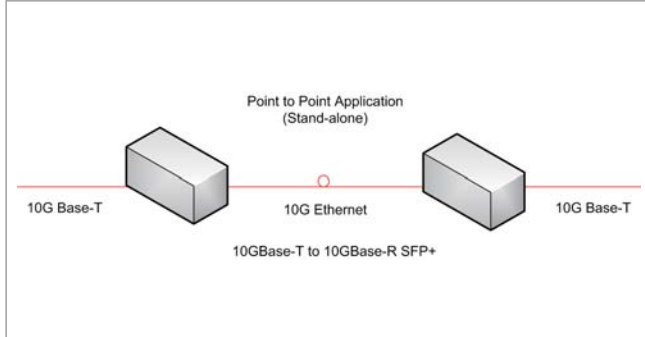
OF10G-01S

The OF10G-01S is a non-managed 10G fiber to copper Ethernet media converter. Based on IEEE802.3an and IEEE802.3ae, this converter uses Cat.6a/Cat.7 twisted pair cable as copper transmission media with RJ-45 and the latest 10G optical solution, SFP+. The data stream can be converted bi-directionally from 10GBase-R to 10GBase-T and vice versa. With full duplex wire speed forwarding capability between these 2 media, the OF10G-01S brings you the best and simplest solution for the 10G Ethernet conversion between copper wire and fiber.

Features

- Complies with IEEE802.3an 10GBase-T and IEEE802.3ae 10GBase-R
- Real-Time conversion between 10GBase-T and 10GBase-R
- Common used SFP+ fiber interface and RJ45 connector
- Full duplex wire speed forwarding
- Subsidiary device for 10G Ethernet transmission without fiber
- Test loopback function via console port

Application



Specifications

Ports	Connector :	SFP+ LC
Optical Interface :	Data rate :	10GMbps
	Cable type :	850, 1310nm
	Distance :	300m, 10km
	Wavelength:	1550nm
Electrical Interface :	Connector :	RJ45
	Data rate :	10GMbps
	RS-232	RJ45
	console port :	
	Cable type :	Cat. 6a
	Distance :	95 meters
Standard	IEEE 802.3an, , IEEE 802.3ae	
LEDs	SFP+, LR, Link/Act, LBK A/B, SYS	
Power	DC 12V In	
Power Consumption	< 15W	
Dimensions (D x W x H)mm	175 x 86 x 33mm	
Weight	550g	
Temperature	0~40°C (Operating) ,0~50°C (Storage)	
Humidity	0~85% non-condensing	
Certification	CE, FCC, RoHS	
MTBF	57,000 hours	

Ordering Information

- **OF10G-01S** 10GBase-T to 10GBase-R fiber converter

xDSL Series

PDH Series

IP Networking

Tester Series

Interface Converter Series

Management