

Bi-Direction OEO Converter

ACCELINK TECHNOLOGIES CO.,LTD.



Bi-Direction OEO converter is fully compliant with ITU-T G.957. It can implement a two-fiber system on one fiber or a four-fiber system on two-fibersystem efficiently, and extend transmission distance.

Features

- Double the fiber capacity of metro and access links
- Save time and money over new fiber
- Utilize fiber more efficiently
- Recover fiber for new services

Applications

- 100M/1.25Gb/s ethernet
- Data er system
- SDH system
- PDH、ATM system
- CDMA base station

Specifications

Parameter		Unit	Value		
			Min.	Typ.	Max.
Bite rate		Mb/s	100M、155M、622M、1.25G、2.5G		
Output power	Multi-mode	dBm	-20	Based on the distance	
	Single mode				
Extinction ratio		dB	8.2		
COM	Receive wavelength	nm	1310、1550、specific wavelength		
	Transmitter wavelength	nm	1310、1550、specific wavelength		
Output wavelength	Multi-mode	nm	850 (VCSEL) 、1300 (LED)		
	Single-mode	nm	1310、1550		
Input wavelength	Multi-mode	nm	760~870、1100~1650		
	Single mode	nm	1100~1650		
Input power rang	PIN	100/155Mb/s	dBm	-37	-3
		622Mb/s	dBm	-28	-3
		1.25Gb/s	dBm	-21	-3
		2.5Gb/s	dBm	-18	-3
	APD	2.5Gb/s	dBm	-28	-8
Power supply		V	220 AC / -48 DC		
Operating/storage temp.		°C	0 ~ +50 / -40 ~ +85		
Package		mm	Block (200×140×40) 、19inch(483×255×44)		

Ordering information

OEO	SD								
1:100/155Mb/s 4:622Mb/s 8:1.25Gb/s 16:2.5 Gb/s	MS、SS	15:15Km 40:40Km 80:80Km	3:1310nm 5:1550nm 8:850nm	P:PIN A:APD	3:1310nm 5:1550nm 8:850nm	SC、FC/UPC	A:-48V DC B:220V AC	11:483×255×44 B:200×140×40	
Bite rate	Conversion mode	Distance from com	Output wavelength from com	Receiver type	Output wavelength from Tx	Connector	Power	Package	

Note: MS(single direction multi-mode to single-mode convertor) SS(single direction single-mode to single-mode convertor)