

100M~2.5Gb/s OEO Converter (plug and play)

ACCELINK TECHNOLOGIES CO.,LTD.



The 100M~2.5Gb/s OEO converters are suitable for the fiber transmission systems with data rate from 100Mbps to 2.5Gbps, and generally taken as the repeater, wavelength converter, media(fiber) converter, etc.

Features

- Protocol Transparent
- Easy to convert wavelength or mode

Applications

- SDH/SONET、ATM、 ethernet system
- CDMA base station

Specifications

Parameter		Unit	Value					
			100M~1.25Gb/s			2.5Gb/s		
			Min.	Typ.	Max.	Min.	Typ.	Max.
Output power ¹		dBm	-2		+2	-3		+2
Extinction ratio		dB	8.2			8.2		
Input wavelength	Short wavelength	nm	760		870	1100		1650
	Long wavelength	nm	1100		1650			
Output wavelength		nm	850、1310、1550			1310、1550、ITU-TG.691、ITU-T G.694.2		
Input power	Long Wavelength (only PIN)	155Mb/s	dBm	-37		-3		
		622Mb/s	dBm	-28		-3		
		1.25Gb/s	dBm	-20		-3		
	Short Wavelength (only PIN)	1.25Gb/s	dBm	-17		-3		
		2.5Gb/s (Long Wavelength)	PIN				-18	
			APD				-28	
Jitter			Conform to ITU-TG.958					
SMSR		dB				30		
Operating/storage temp.		°C	0~50/-40~+85					
Power Supply		V	220 AC or -48 DC					
Power consumption/channel		W				5		
Package		mm	19inch 1U rack mount(483×255×44)、21 inch 4U rack mount(483×290×178)					

Note: 1,-20~-15dBm@1310nm multimode; -8~-5dBm@850nm multimode

Ordering information

OEO	Frame	Power	Package				
		A:-48 V DC B:220 V AC	11:483×255×44(N.A. For 2.5Gb/s) 14:483×290×178				
OEO	Unit	Distance	Receiver type	Operation wavelength	Connector	Package	
	1:100/155Mb/s 4:622Mb/s 8:1.25Gb/s 16:2.5Gb/s	MMSS、MS、 SM、SS、MM	1:0.5Km、 2:2Km、 15:15Km、 40:40Km、 80:80Km	P:PIN A:APD	33:1310/1310nm、 35:1310/1550nm、 53:1550/1310nm、 55:1550/1550nm、 83:850/1310nm、 85:850/1550nm、 88:850/850nm	SC、FC/UPC	11:483×255×44 (N.A. For 2.5Gb/s) 14:483×290×178

Note: MMSS(bi-direction multi-mode to single mode converter) MS(single direction multi-mode to single-mode converter)
SM(single direction single-mode to multi-mode converter) SS(single direction single-mode to single-mode converter)
MM(single direction multi-mode to multi-mode converter)