

OEO fiber optics converter

OEO fiber optics converters are suitable for the transmission systems with data rate between 10Mbps to 2.5Gbps and generally taken as the repeater, wavelength converter, media (fiber) converter, ect.

Features:

- Cost-effective solution
- Protocol transparent

Applications:

- Fiber communication systems
- Wavelength conversion
- Media (fiber type) conversion
- Field maintaining

Ordering Information:

- Channel numbers: 1, 2 channel, customer request
- Data Rate: 155Mb/s, 622Mb/s, 1.25Gb/s, 2.5Gb/s
- Distance: 0.5km, 2km, 15km, 40km, 80km
- Input fiber type: Single mode, multi-mode
- Input wavelength: 760~870nm, 1100~1610nm
- Output wavelength: 850nm, 1310nm, 1550nm
- Supply power type: 220V AC, -48V DC, 110V AC
- Fiber connector type: SC/PC, FC/PC, FC/APC, SC/APC, LC/PC, MU/PC

Specifications:

Parameter	Unit	Value			
		155Mb/s	622Mb/s	1.25Gb/s	2.5Gb/s
Receiving Wavelength	nm	760~870 or 1100~1600			
Input/output fiber type		Multi-mode or single mode			
Transmit wavelength	nm	850, 1300, 1310, 1550			
Transmission distance	km	A: short distance (≤ 15), B:medium distance (≥ 40), long distance (≥ 80)			
Receiving Sensitivity	dBm	A ≤ -28 , B/C ≤ -37	≤ -29	≤ -20	PIN ≤ -21 , APD ≤ -28
Receiving Over-Loading Point	dBm	≥ -3	≥ -3	≥ -3	PIN ≥ 0 , APD ≥ -8
Output power	dBm	A:-10~-5, B:-5~+2	A:-10~-5, B:-3~+2	-11.5~-3	-4~0
AC supply voltage	V	90~260 (47 ~ 63 Hz)			
DC supply voltage	V	36~72			
Humidity		$< 90\%$			
Operating Temperature	$^{\circ}\text{C}$	0~50			
Storage Temperature	$^{\circ}\text{C}$	-40 ~ +85			
Power	W	< 3			
Dimension	mm	169x35x168			

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com