

O-E-O Wavelength/Mode Converter



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

Features

Cost-effective solution
Protocol Transparent

Applications

Fiber communication systems
Wavelength conversion
Media (fiber type) conversion
Field Maintaining

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: $-10 \sim -5$ B: $-5 \sim +2$	A: $-10 \sim -5$ B: $-3 \sim +2$	$-11.5 \sim -3$	$-4 \sim 0$
AC supply voltage	V	90 ~ 260 (47 ~ 63Hz)			
DC supply voltage	V	36 ~ 72			
Humidity		$< 90\%$			
Operating Temperature	$^{\circ}\text{C}$	0 ~ 50			
Storage Temperature	$^{\circ}\text{C}$	$-40 \sim +85$			
Power	W	< 3			
Dimension	mm	169 \times 35 \times 168			

Ordering Information