

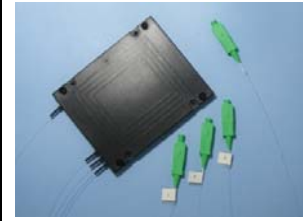
Unitary 1×3 and 1×4 Dual Window Wideband Coupler

Features

- Low insertion Loss
- High uniformity
- Customized Package available
- Environmentally stable.

Applications

- Telecommunication networks
- LAN
- FTTH deployments
- Video transmission
- Fiber optic sensing
- Testing instruments



Specifications

ITEM	VALUE	
Operation Wavelength	1310nm±40 and 1550nm±40	
Port Configuration	1×3	1×4
Coupling Ratio	33 : 33 : 33	25 : 25 : 25 : 25
Insertion Loss (dB)	5.4	7.2
Uniformity, dB(Typical)	1.0	1.5
Excess Loss, dB(Typical)	0.15	0.30
Polarization Stability, dB	0.3	
Return Loss, dB	50	
Operation Temperature , °C	-40°C ~ 85°C (*)	
Storage temperature, °C	-55°C ~ 85°C	
Package Options (for different pigtail)		
1.coated fiber (250 μm)	3 * 60mm	
2.Loose tube (900 μm)	4 * 70mm	

Note: (*) -20°C ~ +70°C for PVC cable

Unitary 1x3 and 1x4 Dual Window Wideband Coupler Ordering information

CO-U4 XX/XX -35- XX X X XX XX XXX(cm)

Connector(for both ends)

- 11-ST
- 21-FC/PC
- 22-FC/APC
- 31-SC/PC
- 32-SC/APC
- 41-LC/PC
- 51-MU/PC
- 00-None
- XX-Others

Wavelength

35-1310 / 1550 nm

Pigtail length (for each port)

- 050- 50cm
- 100- 100cm
- 150- 150cm
- 200- 200cm
- 000- Modulized
- XXX-Others

Coupling ratio

- 25- 25:25:25:25
- 33- 33:33:33
- XX-Others

Package option

- 01-Metal tube with coated fiber
- 11-Metal tube with loose tube cable(900um)
- XX-Others

Input/output port

- 13- 1 x 3
- 14- 1 x 4

Fiber type

- A- Corning SMF-28e
- X-Others

Grade

- A- Average
- H- High

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