

Unitary 1×3 and 3×3 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			
Port Configuration	1×3		3×3	
Operation Wavelength	1310nm±10 or 1550nm±10			
Grade	High(H)	Average(A)	High(H)	Average(A)
I Insertion Loss (dB)	5.6	6.3	6.2	6.5
Uniformity, dB(33:33:33)	0.9	1.3	1.5	2.2
Thermal Stability, dB(peak-peak)	≤0.4			
Polarization Stability, dB	≤0.2			
Coupling Ratio	33 : 33 : 33 or Customer Specify			
Directivity ,dB	≥ 50(1×3), ≥ 60(3×3)			
Reflectance, dB	≥ 50			
Operation Temperature, °C	-40°C ~ 85°C (*)			
Storage temperature, °C	-55°C ~ 85°C			
Package Options (for different pigtail)				
1.coated fiber (250µm)	T3,A2,MA,MB,M3			
2.Loose tube (900µm)	TC,A2,MA,MB,M3			
3.PVC cable(3.0mm)	TC,A2,MA,MB,M3			

Note: (*) -20°C ~ +70°C for PVC cable.

Unitary 1x3 and 3x3 Coupler Ordering information

