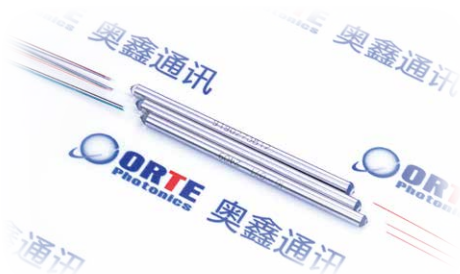


1×4-1×5 Monolithic Single Mode Coupler / 一次拉锥单模耦合器



Features 特点

- Low Excess Loss
- Various Coupling Ratio
- Compact Size

Applications 应用

- Long-haul Telecommunications
- CATV Systems & Fiber Optic Sensors
- Local Area Network

Optical Specification 性能规范

Configuration	Unit	1×4		1×5	
Type		1×4/1×5 Monolithic Single Mode Coupler (MSMC)			
Operating Wavelength	nm	1310 or 1550	1310/1550	1310 or 1550	
Operating Bandwidth	nm	±40	±40	±20	
Coupler Ratio	%	25/25/25/25	25/25/25/25	20/20/20/20/20	
Insertion Loss	dB	≤6.80	≤7.20	≤7.60	
PDL	dB	≤0.20	≤0.30	≤0.20	
Uniformity Loss	dB	≤1.00	≤1.20	≤0.80	
Return Loss	dB	≥50.00			
Directivity	dB	≥55.00			
Operating Temperature	Deg.	-5-75			
Storage Temperature	Deg.	-40-85			
Fiber Length	m	1.00±0.10			
Fiber Type		SMF-28® Ultra			
Fiber Diameter	um	250	900		
Package	mm	3.0×54	4.0×65		

NOTE: The parameters do not include connector, connector IL is 0.30dB
Can be customized uneven ratio products

Product Ordering Guide 产品订购指南

MSMC	X	X	X	X	X	X	X
MSMC: Monolithic Single Mode Coupler	Configuration	Operating Wavelength	Coupler Ratio	Fiber Diameter	Package	Fiber Type	Connector
	4: 1x4						1: none
	5: 1x5	1: 1310	1: even ratio	1: 250um	2: 4.0×65	1: SMF-28® Ultra	2: LC/UPC
		2: 1550	2: other	2: 900um	3: other	2: other	3: LC/APC
		3: 1310/1550		3: other			4: SC/UPC
4: other						5: SC/APC	
							6: FC/UPC
							7: FC/APC
							8: other