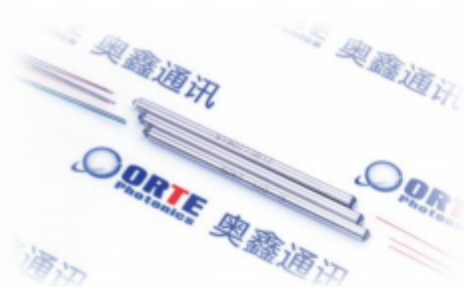


1×4-1×5 Monolithic Single Mode Coupler / 一次拉锥单模耦合器



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

The above product information is for reference only, please contact our company for the latest information.

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: 3.0×54	1: SMF-28® Ultra	1: none
	5: 1x5	1: 1310	1: even ratio	1: 250um	2: 4.0×65		2: LC/UPC
		2: 1550	2: other	2: 900um	3: 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