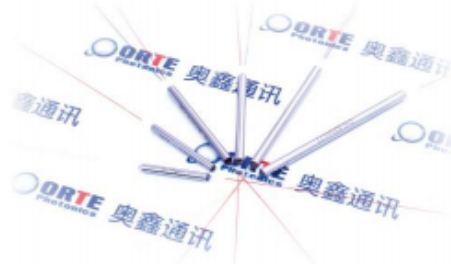


1×3-3×3 Monolithic Single Mode Coupler / 一次拉锥单模耦合器



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	1×3		3×3	
Type			1×3/3×3 Monolithic Single Mode Coupler (MSMC)			
Operating Wavelength		nm	1310 or 1550	1310 and 1550	1310 or 1550	1310 or 1550
Operating Bandwidth		nm	±40	±40	±15	±40
Max Insertion Loss	33.3/33.3/33.3	dB	5.40/5.40/5.40	5.80/5.80/5.80	5.60/5.60/5.60	5.80/5.80/5.80
	10/45/45	dB	11.00/4.10/4.10	11.00/4.20/4.20	--	--
	2.5/2.5/95	dB	0.60/18.00/18.00	0.60/18.00/18.00	--	--
PDL		dB	≤0.15	≤0.25	≤0.25	≤0.25
Uniformity Loss		dB	≤0.80	≤1.20	≤1.00	≤1.30
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	3.0×35, 3.0×45		3.0×54, 4.0×60	

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
	1: 1x3	1: 33.3/33.3/33.3	1: 33.3/33.3/33.3	1: 250um	1: 3.0×35	1: SMF-28® Ultra	1: none
	2: 3x3	1: 1310	2: other	2: 900um	2: 3.0×45	2: other	2: LC/UPC
		2: 1550		3: 3.0×54			3: LC/APC
		3: 1310/1550		4: 4.0×60			4: SC/UPC
		4: other		5: other			5: SC/APC
							6: FC/UPC
							7: FC/APC
							8: other