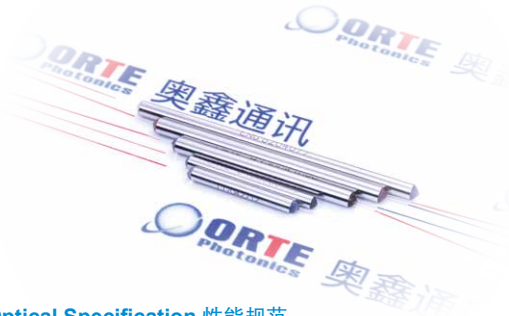


High Power Coupler / 高功率熔融拉锥耦合器



Features 特点

- Low Excess Loss
- Various Coupling Ratio
- Compact Size
- High Power

Applications 应用

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

Optical Specification 性能规范

Configuration	Unit	1×2/2×2			
Type		High Power Fused Optical Coupler (HPC)			
Operating Wavelength	nm	980 or 1310 or 1550	980 or 1310 or 1550	1260-1620	
Operating Bandwidth	nm	±20	±40	--	
Max Insertion Loss	50/50	%	3.35/3.35	3.40/3.40	3.80/3.80
	40/60	%	4.40/2.55	4.40/2.60	5.10/3.10
	20/80	%	7.55/1.25	7.60/1.25	8.30/1.60
	10/90	%	10.80/0.65	11.00/0.65	11.50/1.05
	5/95	%	14.00/0.40	14.20/0.40	14.60/0.80
	2/98	%	18.00/0.25	18.50/0.25	18.80/0.70
	1/99	%	21.50/0.20	21.50/0.20	22.50/0.65
PDL	dB	≤0.10		≤0.15	
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		G657A1/Customized			
Input max. Power Handling	W	≤5W		5W-10W	
Package	mm	3×54		75×12×8	

NOTE: The parameters do not include connector, connector IL is 0.30dB

Product Ordering Guide 产品订购指南

HPC	X	X	XX	X	X	X	X
HPC: High Power Fused Optical Coupler	Configuration	Operating Wavelength	Coupler Ratio	Input max. Power Handling	Package	Fiber Type	Connector
	1: 1×2	1: 980 2: 1310 3: 1550 4: 1260-1620 5: other	50:50/50 45:45/55 01:1/99		1: ≤5W 2: 5W-10W 3: other	1: 3×54	1: SMF-28® Ultra
	2: 2×2			2: 75×12×8		2: OFS-16	2: LC/UPC
				3: other		3: OFS-16	3: LC/APC
						3: OFS-20	4: SC/UPC
						4: HI 1060	5: SC/APC
						5: HI 1060 Flex	6: FC/UPC
				6: other		7: FC/APC	
			8: other				