

Fused Optical Coupler 熔融拉锥单模耦合器

1、Product Identification 产品识别

Table 1: Product Identification

Ratio	Customer PN	Vendor PN	Ordering Description
50/50			
40/60			
20/80			

2、OPTICAL SPECIFICATION 性能规范

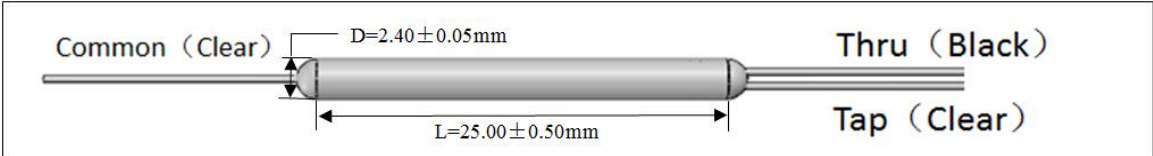
Table 2: Optical Specification

Configuration		Unit		
Type			Single Mode Standard Coupler(SSC)	
Operating Bandwidth		nm	980±20nm	
Max Insertion Loss	20/80	%	1.30	7.7
	40/60	%	2.40	4.3
	50/50	%	3.45	3.45
Max Polarization Dependent Loss	20/80	dB	0.10	0.10
	40/60		0.10	0.10
	50/50		0.10	0.10
Max Wavelength Dependent Loss	20/80	dB	0.20	0.30
	40/60		0.30	0.30
	50/50		0.30	0.30
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			OFS 980-16	
Fiber Diameter		um	250	
Package		mm	2.4×25	

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

3、Apperance Drawing 示意图

Fig 1: Apperance Drawing



4、Product Ordering Guide 产品订购指南

XXXX	X	X	XX	X	X	X	X
SSC:	Configuration	Operating	Coupler	Fiber	Package	Fiber Type	Connector
Single Mode	1:1×2	Wavelength	Ratio	diameter	1: 2.4×25	1:SMF-28® Ultra	1:none
Standard Coupler	2:2×2	1:0980	50:50/50	1:250um	2: 2.4×30	2:ofs-16	2:LC/UPC

3:ofs-20				
	40:40/60	3: 3.0×30	4:HI1060	3:LC/APC
			5:HI1060 Flex	4:SC/UPC
	10:10/90			5:SC/APC
				6:FC/UPC
	7:FC/APC			
			8:other	