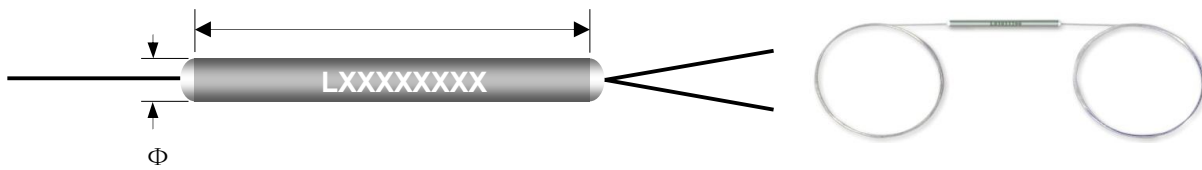


820nm 80um Fiber PMC

Mechanical Dimension



Specifications

Parameter		Wavelength	820±15nm	
		CR	P	A
IL(dB) @Central wavelength	50/50	≤4.1	≤4.2	
	30/70	≤6.4/2.7	≤6.6/2.9	
	20/80	≤8.3/2.1	≤8.5/2.3	
	10/90	≤11.8/1.5	≤12.0/1.7	
	5/95	≤14.5/1.3	≤14.8/1.5	
	3/97	≤16.8/1.1	≤17.0/1.3	
	2/98	≤18.5/1.0	≤18.5/1.2	
	1/99	≤21.8/0.95	≤22/1.1	
EL		≤0.8	≤1.0	
ER(dB)	CR>5%	18	16	
	5%≥CR>1%	16	14	
	CR≤1%	Out of concern		
Dimension: Φ×L(mm)		2.4×32 or longer		

Parameter	Unit	Specification
Power handling	mW	≤500
Operating temperature	°C	0~85
Storage temperature	°C	-40~85
Fiber type		Fibercore HB-800C

- 1). The specifications are without connector. For devices with connectors, IL should be 1.0 dB higher, ER should be 3 dB lower.
- 2). The specifications are given for either slow axis or fast axis working.
- 3). For device adding connectors, key aligns to slow axis if no special requirement.
- 4). ER should be 3dB low at -20~0°C, and be 5dB low at -40~-20°C.