

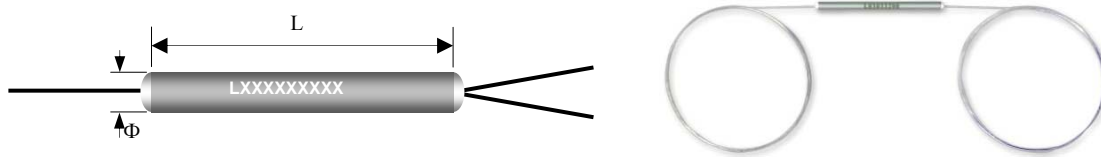
Special WDM

Description

Lightcomm manufactures different special wavelength WDM such as 980/1064nm, 1064/1550nm, 1550/1625nm WDM.

Raman Pump Combiner is designed for combining the multiple pumps with different wavelengths for Raman amplifiers.

Mechanical Dimension



Specifications

Parameter		Type	Special WDM		
			980 / 1064	1064 / 1550	1550 / 1625
Operating wavelength (nm)			980 / 1064	1064 / 1550	1550 / 1625
Operating bandwidth (nm)			±5	±15	±5
Insertion loss (dB)	P	≤0.3			
	A	≤0.4			
Isolation (dB)	P	≥14	≥18	≥14	
	A	≥13	≥17	≥13	
PDL (dB)	P	≤0.10			
	A	≤0.15			
Directivity (dB)			≥55		
Operating temperature (°C)			-40 ~ +85		

Parameter		Raman Pump Combiner (PCOM)			
		15~ 20nm		>20nm	
Channel space					
Operating wavelength (nm)		Upon customer request			
Grade		P	A	P	A
Center insertion loss (dB)		≤0.5	≤0.6	≤0.4	≤0.5
Center isolation (dB)		≥14			
Directivity (dB)		≥55			
Operating temperature (°C)		-40 ~ +85			

*The above specification is without connector

**Other specifications can be made on customer request.

Package Information

Configuration	1×2 or 2×2		1×N(N>2)
	Fiber type	250μm bare fiber	900μm loose tube
Dimensions (Φ×L)(mm)	Φ3.0×60	Φ3.0×70	100×80×10
Fiber lead length	1 meter, others on request		

*Other package dimensions can be made on customer request.

Ordering Information

