

High Power Combiners

Spec. Number	SR0059 REV01	N/A
Date	2022-4-10	2022-4-10
Part Number	HC06911A2111110-Zxxxx	NA

Specifications

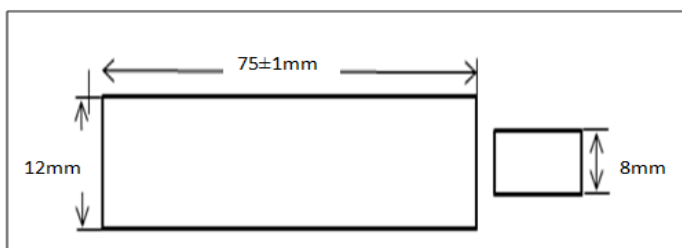
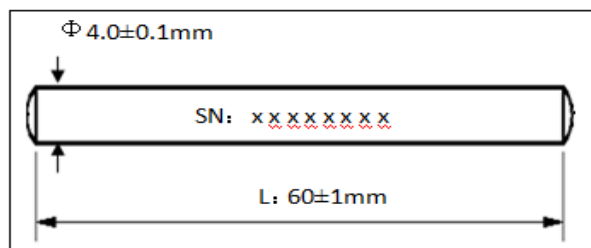
Port Type	(1+1) ×1 or (2+1) ×1		
Signal Wavelength (nm)	1020~1080 or 1420~1610		
Pump Wavelength (nm)	800~990		
Total Power Handling (W)	50	100	200
Signal Insertion Loss (dB)	≤0.30	≤0.45	≤0.40
Pump Efficiency (%)	≥90	≥93	≥95
Extinction Ratio (dB)	≥18 (Only for PM Fiber Type)		
Return Loss (dB)	≥45		
Fiber Type	Pump Port	105/125 N.A:0.15/0.22	105/125 N.A:0.15/0.22 or 200/220 N.A:0.22
	Signal Input Port	DCF6 or 8 or 10 or 20/125, N.A: 0.14/0.46	DCF20/250,N.A: 0.08/0.46 Or DCF25 or 30/250,N.A: 0.06/0.46 20/400
	Output Port	DCF6 or 8 or 10 or 20/125, N.A: 0.14/0.46	DCF20/250,N.A: 0.08/0.46 Or DCF25 or 30/250,N.A: 0.06/0.46 20/400
Operating Temperature (°C)	0 ~ +75		
Storage Temperature (°C)	-40 ~ +80		
Dimensions (mm)	75x12x8mm or Φ4x60mm		75x12x8mm

*Above specifications are for device without connector.

*For devices with connector,IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions:



Ordering Information:

HC	Wavelength	Port Type	Power	Package Dimension	Fiber Type for Pump	Fiber Type for Signal and Output	Pigtail Type	Length	Connector
	0691=Signal 1064nm/Pump915nm 0697=Signal 1064nm/Pump975nm 5591=Signal 1550nm/Pump915nm 5597=Signal 1550nm/Pump975nm	1= (1+1)x1 2= (2+1)x1	A=50W B=100W C=200W	1= Φ4 × 60mm 2= 75×12 ×8mm	1=105/125, N.A: 0.22 2=105/125, N.A: 0.15 3=200/220, N.A: 0.22	1=DCF6/125, N.A: 0.14/0.46 2=DCF8/125, N.A: 0.14/0.46 3=DCF10/125,N.A: 0.08/0.46 4=DCF20/125,N.A: 0.08/0.46 5=DCF20/250,N.A: 0.08/0.46 6=DCF25/250,N.A: 0.06/0.46 7=DCF30/250,N.A: 0.06/0.46	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC