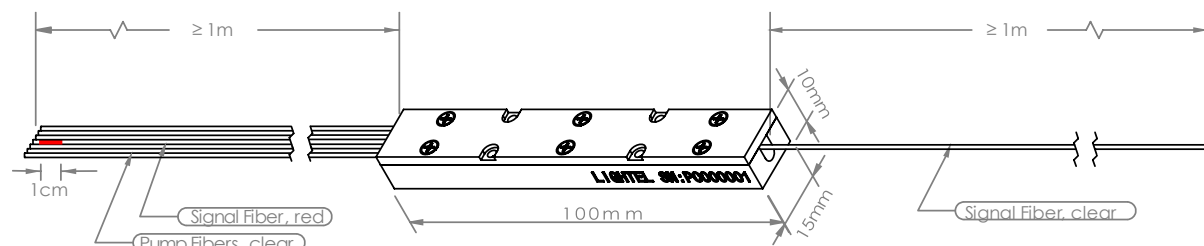


# (6+1) x1 Side Pump Combiner

## Specifications

Parameter	Specification
Port Configuration	(6+1) x 1
Signal Wavelength Range	1000-1100 nm or 1450-1600 nm
Pump Wavelength Range	900-1000 nm
Pump Fiber	Core/Clad Diameter 200/220 $\mu\text{m}$ , 220/242 $\mu\text{m}$ , 105/125 $\mu\text{m}$ , 106.5/125 $\mu\text{m}$ or customers specify
Signal Fiber	Core/Clad Diameter 20/400 $\mu\text{m}$ , 25/250 $\mu\text{m}$ , 9/125 $\mu\text{m}$ , 12/125 $\mu\text{m}$ or customers specify
Pump Efficiency	$\geq 95\%$
Signal Insertion Loss	$\leq 0.2\text{dB}$
Power Handling	Up to 500W per port
Operating Environment Temperature	20~40 $^{\circ}\text{C}$
Operating Humidity	5%~85%
Storage Temperature	-40~85 $^{\circ}\text{C}$
Package Size (Aluminum)	100x15x10 mm

Note: The combiner can be used as forward or reverse pump.



## Order Information

**S P C - 6 - - - - - 00**

Configuration	Wavelength	Pump Fiber	Signal Fiber	Pump Power per Port	Fiber Length
6: (6+1) x1	A: 1060 nm B: 1550 nm	15: 105/125 $\mu\text{m}$ 16: 106.5/125 $\mu\text{m}$ 20: 200/220 $\mu\text{m}$ 22: 220/242 $\mu\text{m}$ X: customers specify	20/400 25/250 12/125 9/125	150: 150W 200: 250W 400: 400W 500: 500W	0: 0.5m 1: 1.0m 1.5: 1.5m 2: 2.0m