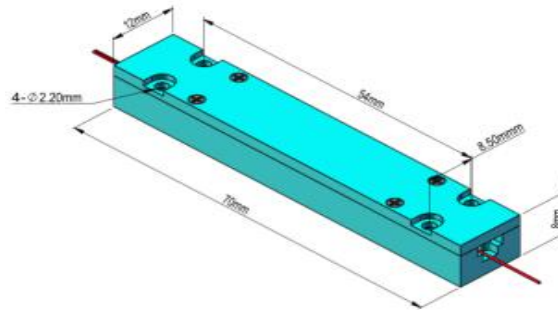


## 1550nm - (2+1) x 1 Optical Fiber Pump Combiner

### ☆Product Description:

The 1550nm - (2+1)x1 optical fiber pump combiner that produced by OSCOM Technology, the input include 2 pump port and 1 PM signal port, the output port is one double cladding optical fiber port, there are forward pump and backward pump, it is suitable for 1550nm optical fiber laser.



### ☆ Specifications

Parameters		Unit	Value
Signal wavelength		nm	1550
Pump wavelength		nm	915/975
Pump Fiber	Core	um	105
	Cladding	um	125
	NA	-	0.15/0.22
Signal Fiber		-	SMF-28e(XB), 1550GDF, DCF-UN-8/125-14
Output Fiber		-	1550GDF, DCF-UN-8/125-14
Pump Efficiency		%	≥90(Typical ≥ 95)
Signal Insertion Loss		dB	≤0.5 (Typical 0.3)
M2		-	≤1.3
Light Isolation		dB	≥25
Load Capacity		W	≤50
Fiber Length		m	≥0.8
Operation Temperature		℃	-5~+70
Storage Temperature		℃	-40~+85
Operating Humidity		%	5-95
Dimensions		mm	30/50/60/70x5.0x5.0, 70x12x8

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☆ **Ordering Information**

<b>Device ID</b>	<b>Explain</b>	<b>Option</b>
XX-XX	Device type	XQ-PCMB
X-X-X	Port Configuration	(2+1) x1
XXXX	Pump Wavelength	2000nm
X	Pumping direction	F=forward pumping B=back-pumped
XXX/XXX	Pump Fiber	105/125
XXX/XXX	Signal Input Fiber	SMF-28e(XB), 1550GDF, DCF-UN-8/125-14
XXX/XXX	Output Fiber	1550GDF, DCF-UN-8/125-14
X	Pigtail Length	0.5m / 1.0m/ customized
XX	Package Dimension	30/50/60/70x5.0x5.0, 70x12x8

Example: XQ-PCMB- (2+1) x1-1550-B-105/125-1550GDF-(DCF-UN-8/125-14)-1.0-70x12x8