

N×1 Pump Combiner

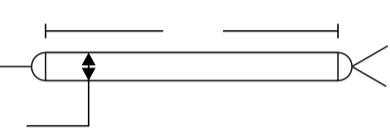

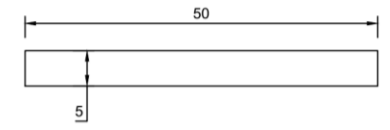
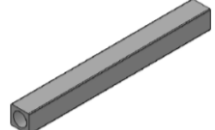
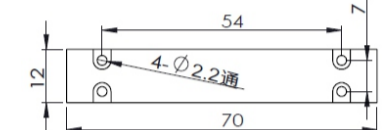

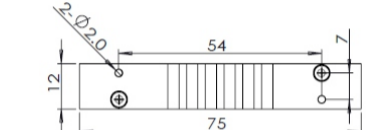

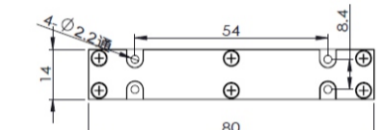

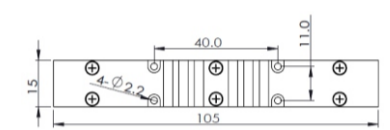
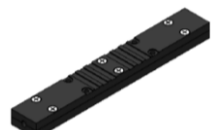
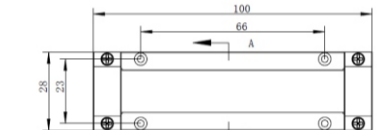

Features

High Transfer Efficiency
Air-Clad Technology for Robust Power Delivery
Stable and Reliable
Custom Configurations Available

Applications

High Power Fiber Laser
Fiber Amplifier

◆ Package Dimensions

Type	Dimension (Mounting)	Schematic	Schematic	Note
D1	Φ4x60mm			Low power with glass tube Dissipated power<5W
D2	50x5x5mm			Low power with glass tube Dissipated power<5W
D3	70x12x8mm (54x7.0mm)			Low power with glass tube Dissipated power<10W
D4	75x12x8mm (54x7.0mm)			Mid power package, up to 1200W Dissipated power<50W
D5	80x14x10mm (54x8.4mm)			Mid power package up to 2500W Dissipated power<70W
D6	105x15x8mm (40x11mm)			Mid power package up to 1500W Dissipated power<60W
D7	100x28x12.6mm (66x23mm)			High power package up to 5000W Dissipated power<200W

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Bonacom Technology reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2

◆ Specifications

Parameter	Value		
Port Configuration	3x1	7x1	19x1
Pump Wavelength	800~1000nm		
Pump Input Fiber	105/125 0.22NA	105/125 0.22NA or 200/220 0.22NA	
output Fiber	Y/125 or 200/220	200/220 or Y/250 or 20/400	
Pump Efficiency	>95%		≥98%
Power Handling per pump	100W	200W	150W
Total Handling Power	300W	1400W	2850W
Package Dimension	D1,D2,D3,D4,D5,D6,D7		
Operating Temperature	-5~+70		
Storage Temperature	-40~+85		

◆ Ordering Information

BPC-111-222-333-44-56-777

111	- Port Configuration:	031=3x1, 071=7x1
222	-Fiber Type for Pump:	009=MM-S105/125-22A, 013=MM-S200/220-22A,S=Specified
333	- Fiber Type for Output:	031=LMA-GDF-30/250-M,044=LMA-GDF-20/400-M,SSS=Specified
44	- Package Dimension:	D1,D2,D3,D4,D5,D6,D7, S= Specified
5	-Pigtail Type:	0=250um bare fiber, 1=900um loose tube
6	-Fiber Type:	1=1.0m, 2=1.2m,3=1.5m, S=specified
777	-Handling Power/Per Pump:	005=5W, 010=10W, 100=100W, 200=200W

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