

1064nm High Power Collimator

3~8mm beam size

PM or non-PM

Features

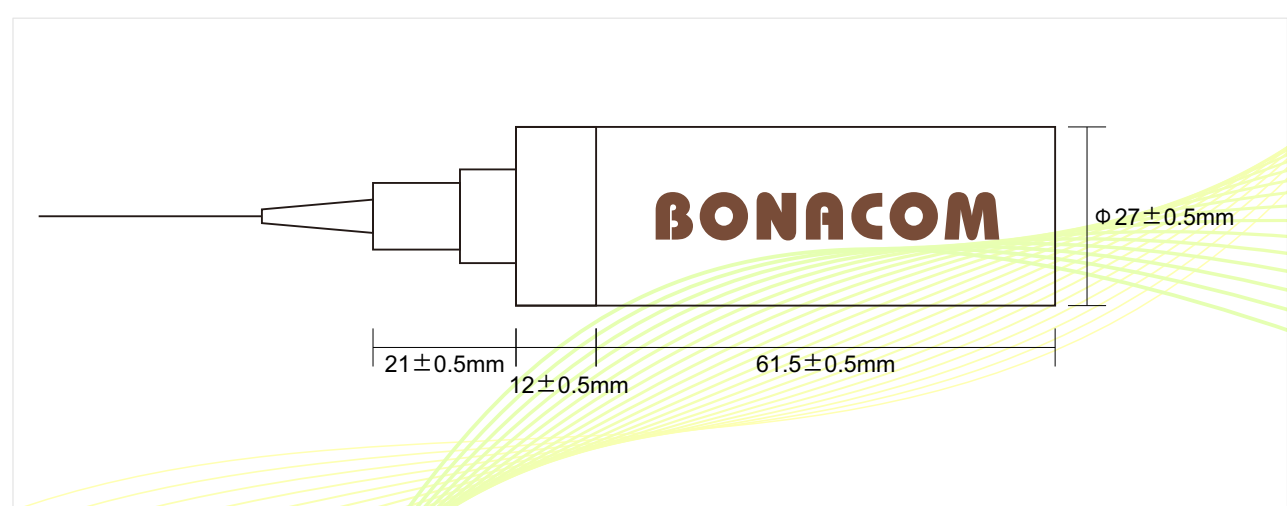
- Low Insertion Loss
- High Return Loss
- High Isolation
- High stability & Reliability

Applications

- Fiber Laser Cutting
- Mopa Fiber Laser
- Fiber Laser Marking
- Fiber Amplifier



◆ Package Dimensions



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

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◆ Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064&1030 or Specified
Operating Wavelength Range	nm	±30
Working Distance	mm	1000
Max. Insertion Loss at 23℃	dB	0.3
Min. Extinction Ratio at 23℃, only for PM	dB	20
Max. Polarization Dependent Loss at 23℃, only for non-PM	dB	0.1
Min. Beam Roundness	%	90
Min. Return Loss	dB	50
Nominal Output Beam Diameter (1/e2)	mm	4, 5, 7
Beam Diameter Tolerance	mm	±0.5 or ±1
Max. Beam Divergence	mrad	0.5 or 1
Max. Average Optical Power	W	30, 50 or Specified
Max. Peak Power for ns Pulse	kW	50 or Specified
Fiber Type	-	PLMA-GDF-10/125-M or specified
Max. Tensile Load	N	5
Operating Temperature	℃	+5~+55
Storage Temperature	℃	-5~+75

◆ Ordering Information

HPMCI/HPICI-1111-2345--666-789-A-BBCC

1111	-Center Wavelength:	1064=1064nm ,1030=1030nm,SSSS=Specified
2	-Axis Alignment:	F=Slow axis working, Fast axis blocked, B=Both axis working, N=Non-PM
3	-Beam Diameter:	4=4mm, 5=5mm, 7=7mm, S=Specified
4	-Beam Diameter Tolerance:	1= ± 0.5mm, 2= ± 0.1mm
5	-Beam Divergence:	1= 0.5mrad, 2= 1mrad
666	-Fiber Type:	018=PLMA-GDF-10/125-M, 021=Nufern LMA-GDF-20/130-09M, S=Specified
7	-Package Dimension:	0=φ27x73.5mm
8	-Armoured Cable Length:	1=1m Armoured cable (OD:6mm), 2=2m Armoured cable (OD:6mm), S=Specified
9	-Fiber Length:	1=1m bare fiber
A	-Fiber Length:	1=1m,2=m,S=Specified
BB	-Average Power:	20=20W, 30=30W, SS=Specified
CC	-Pulse Power:	10=10kW, 20=20kW, SS=Specified

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