Fiber-coupled Acousto-optical Modulators (AOM)

Product Characteristics Performance

Parameters	Unit	Values		
Central Wavelength	nm	1064	1550	2000
Operating Wavelength Range	nm	+/-5		
Typ.Insertion Loss	dB	1.2	2.0	2.0
Max Insertion Loss	dB	1.5	3.0	3.0
Min. Isolation	dB	50		
Min. Return Loss	dB	50		
Optical Power (CW)	W	2	5 20	10
Min.Polarization extinction ratio	dB	20 (for PM fiber)		
Peak Power	kW	10		
Driving power	W	2		
Working Frequencycy	MHz	35/40/60/80/100/120/150 /200		
VSWR	MHz	<1.2:1(50 Ω)		
Tensile Load	N	5		
Fiber Type	/	9/125 10/125 15/130 20/130 or Specify		
Fiber Length	m	1		
Operation Temperature	℃	5~+50		

Ordering Information

AOM-①-②-③-④-⑤

①:Wavelength
1064–1064nm
1550–1550nm
2000–2000nm

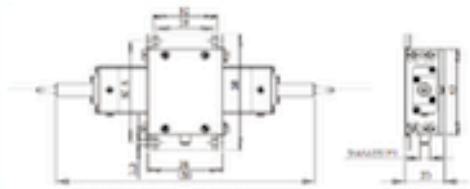
② :Frequencycy
35–35MHz
40–40MHz
150–120MHz
200–120MHz
200–200W

③: Fiber Type
L06– 6/125 Fiber
L09– 9/125 Fiber
L10– 10/125 DCF Fiber
L12– 12/125 DCF Fiber
P06– PM98 Fiber
P09– PM1550 Fiber
P10– PM10/125 DCF Fiber
S–Specify

④:Fiber Jacket on In&Out
B– Bare Fiber
L– 900um Loose Fiber
C– 3mm Loose Cable
S– Specify

⑤:Fiber Length
10–1.0m

Package Dimensions



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