

フェムトシリーズ仕様表

type	sub type	Source	Input (nm)	Output (nm)	QPM period (um)	Temperature (deg. C)	AR coating	Length (mm)	crosssection (mm <sup>2</sup> )	Applications	walk-off (ps/mm)
FSHVIS	MB	Yb3+ fiber family	1020-1040	510-520	6.13, 6.16, 6.19, 6.23, 6.26, 6.29	30-200	S1/S2 @485-590(R<0.5%) /970-1180(R<0.3%) nm	0.3/0.5/1*	9.6x0.5	Holography/Microscopy/Life science/Display/Medical	0.6~0.9
	MC		1040-1070	520-535	6.45, 6.51, 6.57, 6.63, 6.69, 6.75						
	MD		1060-1085	529-542	6.83, 6.86, 6.90, 6.93, 6.96, 7.00						
	ME	Extend Yb3+ /Raman amplifier	1120-1150	560-575	8.15, 8.25, 8.35, 8.45, 8.55, 8.65						
	MF		1150-1180	575-590	8.90, 9.01, 9.12, 9.23, 9.34, 9.45						
FSHNIR	MA	Telecom/Er3+ fiber family	1520~1620	760~810	18.20,18.50, 18.80, 19.10, 19.40, 19.70, 20.00, 20.30, 20.60, 20.90	30-200	S1/S2 @750-810(R<0.5%) /1500-1620(R<0.5%) nm	0.3/0.5/1*	14.0x1.0	Atom cooling/3D micro-fabrication/Microscopy/THz Generation	~0.3
	MB	Tm+/Ho+ fiber family	1925~2300	962.5~1150	28.40, 29.00, 29.60, 30.20, 30.80, 31.40, 32.00, 32.60, 33.20, 33.60						
FSFVIS	MA	Ti:Sapphire + Telecom	775~845/1550	516~544	6.90, 7.10, 7.30, 7.50, 7.70, 8.10	30-200	S1/S2 @470~550(R<0.5%)/ 720~850 (R<0.5%)/ 1480~1590 (R<0.5%) nm	0.3/0.5/1*	9.6x0.5	Holography/Microscopy/Life science/Display/Medical	-
	MB	Telecom+Yb3+	1520-1620/1064	625-642	11.25, 11.49, 11.73, 11.97, 12.21, 12.45						
FOPMIR	MA	Yb3+ /YAG	1064	1400~2128/2128~4433	27.58,27.91, 28.28, 28.67, 29.08, 29.52, 29.98, 30.49, 31.02, 31.59	30-200	S1/S2 @1030~1080(R<1.0%)/1380~1800 (R<1.0%)/2600~4800(R<5%) nm	0.3/0.5/1*	14.0x1.0	OPCPA/fs OPO/Microscopy	-

\* The length refers to the length of poled region. The physical crystal length is 1mm for all Femto-series.