

## Fiber End-Cap

### ☆Description

XHP fiber end-cap features high holding power, low laser beam degradation, high return loss, stable and reliable. It can be integrated into fiber laser, fiber amplifier and laser processing equipment.



### ☆Specifications

Parameters	Units	Value
Operating wavelength	nm	900~1100
Diameter of fiber core	um	10~800
Numerical aperture	NA	0.06 / 0.46
Size	mm	2×4 or 8×20
Angle	deg	0±0.5 or 8±0.5
Output beam	M2	≤ 1.5
Insert loss	dB	≤ 0.3
Return loss	dB	≥ 50
Fiber length	M	1~15
Max. holding power	W	50~2000
Operating temperature	℃	-5~+70
Storage temperature	℃	-40~+85

### ☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-ENDCAP
XX	Operating wavelength	<b>W1</b> = 980nm, <b>W2</b> = 1310nm, <b>W3</b> = 1080nm
XX	Power grade	<b>P1</b> = 50W, <b>P2</b> = 200W, <b>P3</b> = 2000W, <b>P4</b> = customized
XX	Fiber	<b>F1</b> = 14/250, <b>F2</b> = 200/220, <b>F3</b> = 30/250, <b>F4</b> = 20/400, <b>F5</b> = customized
XXX	Pigtail	<b>PT1</b> = 250um bare fiber, <b>PT2</b> = customized
XXX	Fiber length	<b>L01</b> = 1m, <b>L10</b> = 10m
XXX	Package size	<b>PS1</b> = 2×4mm, <b>PS2</b> = 8×20mm, <b>PS3</b> = customized

**Example:** XHP-ENDCAP -W1-P1-F1-PT1-L10- PS1

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