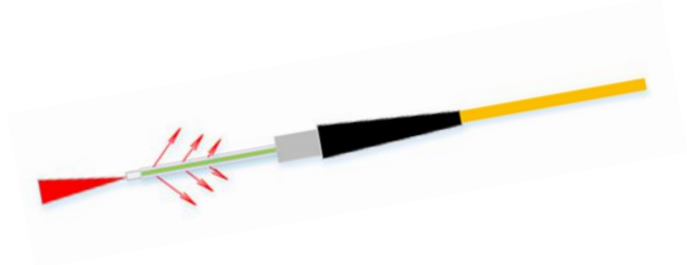


High Power EFC2 Series Endcaped Fiber Cable



EFC2-Q

Endcaped $\Phi 2\text{mm}$ Quartz block at the end face of fiber is a good and low cost solution for decrease laser power density, so that protect the fiber surface.

On the surface of the end cap, a high damage threshold AR coating is coated, while on the other side of the fiber, a high efficient cladding power stripper (CPS) is built, most important it's Epoxy-free[™], can stripe the uncoupled part of light which injected into cladding.

Features

- High reliability of splicing point.
- Epoxy-free CPS integrated on the power delivery fiber
- High burning threshold of AR coating

Applications:

- The output of fiber laser
- Fiber coupled Laser Diode
- Output end of laser machining

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Optical parameters		Specification
Working wavelength		900-1100nm, other wavelength on demand
Transmission rate		>98% (Typical>99%)
CPS		Stripe efficiency>15dB (Typical 18-20dB)
AR coating		Fullband reflection<0.2%
Fiber type	LMA	20/400DCF,25/400,50/400DCF etc.
	Power delivery fiber	50/360,100/360,200/360 200/240 0.22NA etc.
Power handling		< 600W(Higher power limit can be customized)
CPS region power handling		< 60W
Fiber/Endcap concentricity		≤50um

Mechanical	Specificaitons
Single/Double head	Single head (For input coupling or output) Or double head
Water cooling	/
Water cooling sleeve	Water cooling sleeve will be needed for higher power
Armored cable	Outer dia.=3mm yellow PVC tube, or on demand
Cable length	5m, 10m, 15m, 20m etc.
Protection window	/

Ordering information

Please descript the product and applicaiton like below

200/240 0.22NA fiber, 2mm endcaped fiber input, and SMA905 or D80 output, 600W, total 5m length (Cable 4m+ bare fiber 1m)

and drop us mail to sales@lasfiberio.com for further help.