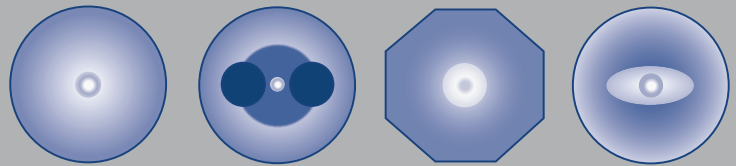




Er / Yb Double Clad Fibers



Name & Reference	IXF-2CF-EY-0				IXF-2CF-EY-PM
	6-130	6-130-LNF	12-130	25-250	12-130
Core NA (+/- 0.02)	0.17	0.17	0.17	0.10	0.17
Core diameter (µm)	6 +/- 1	6 +/- 1	12 +/- 1	25 +/- 2	12 +/- 1
Cladding diameter (µm) (Flat/Flat)	125 +/- 2	125 +/- 2	125 +/- 2	250 +/- 10	125 +/- 2
Clad absorption @ 915 nm (dB/m)	> 0.6	> 0.6	> 2.5	> 2	> 2.5
Clad absorption @ 976 nm (dB/m)	> 2	> 2	> 10	> 8	> 10
Core absorption @ 1536 nm (dB/m)	> 45	> 25	> 40	> 30	> 40

KEY FEATURES

- High efficiency
- High pump and consistent absorption
- High brightness single mode core
- Low background losses
- Large mode area with low NA
- Multimode background (dB/km): < 50
- Cladding NA: 0.46
- Cladding shape: octagonal (non PM) / round (PM)
- Birefringence & design for PM: > 5.10⁻⁵ / Panda

RELATED PRODUCTS

- Panda polarization maintaining Er/Yb 2CF
- Single clad erbium fiber
- Double clad Yb fiber
- Associated PM and non PM fibers
- Associated Fiber Bragg Mirrors Pairs
- Subassembly on request
- Space grade version
- Matching passive fiber