

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code: IXF-2CF-EY-PM-12-130-HPA

| | Parameter | Specification | Units |
|----|-----------------------------|---------------------|-------|
| 1 | Core diameter | 12 ±1 | µm |
| 2 | Clad diameter | 125 ±3 | µm |
| 3 | Coating diameter | 210 ±15 | µm |
| 4 | Core NA | 0.19 ±0.02 | |
| 5 | Cladding NA | ≥0.46 | |
| 6 | Clad absorption @915nm | 2.0 – 3.2 | dB/m |
| 7 | Clad absorption @976nm* | 8 - 13 | dB/m |
| 8 | Core absorption @1536nm | 40 - 60 | dB/m |
| 9 | Multimode background losses | <50 | dB/km |
| 10 | Birefringence | >1.10 ⁻⁴ | |
| 11 | Core-clad offset | <1.0 | µm |
| 12 | Proof test level | 100 | kpsi |

*: Calculated from 915 nm absorption value

Comments

Panda PM design
Round cladding shape
HeNe multimode tested
OTDR tested
Power Conversion Efficiency (PCE) >35%**
To be used with High Power Applications (5-20W)

** : Following XFS/080301ARL procedure

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Specifications are subject to change without notice

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