

YDF DC 30/250 (PM)

Polarization-maintaining Ytterbium-doped Double-Clad Optical Fiber (YDF)



Product Number

YD1111-E

Optical Properties

Operating Wavelength Yb ³⁺ (nm)	1030 - 1115
Cladding Attenuation @1200nm (dB/km)	< 20
Cladding Pump Absorption @915nm (dB/m)	1.8 ± 0.2
Cladding Pump Absorption @975nm (dB/m)	5.3
Core NA	0.06 ± 0.01
Inner Cladding NA	≥ 0.46

Geometric / Mechanical Properties

Core Diameter (μm)	30 ± 2
Inner Cladding Diameter (μm)	250 ± 8
Coating Diameter (μm)	395 ± 15
Inner Cladding Shape	Circular
Proof Test (kpsi)	100