



1407001

MM-YTF-34/460/530, Matched Yb-Doped Triple Clad Optical Fiber



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Parameters	Min	Max	Nom	Unit	Compliance
Core Attenuation at 1200 nm	0	15		dB/km	Measured
First Cladding Absorption at 915 nm	0.85	1.15	1	dB/m	Measured
First Cladding Absorption near 976 nm			4.3	dB/m	Design
Second Cladding Absorption at 915 nm			0.75	dB/m	Design
Core NA	0.09	0.11	0.1		Measured
First Clad NA (50%)	0.2	0.24	0.22		Measured
Second Clad NA (5%)	0.46				Design
Core Diameter	31.5	36.5	34	μm	Measured
First Clad Diameter (Flat-to-Flat)	445	475	460	μm	Measured
Second Clad Diameter	520	540	530	um	Measured
Core/Clad Offset	0	3		μm	Measured
Coating Diameter	635	665	650	μm	Measured
Proof test Level	100	120		kpsi	Measured
Operating Wavelength	1015	1115		nm	Design

Comments

Coating Requirements: Low index polymer NuCOAT-FA-HP.

