



OPTICAL FIBER DATA SHEET

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Item Number: **980-HP**



Description: **Select Cutoff SM Optical Fiber**

Lot Number: **21-C2847-00-2D-08-01**



Fiber Length (m): **5000**



Fiber Data						
Parameter	Specification			Actual		Compliance
	Min	Max	Units	Top	Bottom	
Core Attenuation at 980 nm	0	3.5	dB/km	3.3	3.3	Pass
Cutoff	890	950	nm	947	945	Pass
Mode Field Diameter at 980 nm	3.7	4.7	μm	4.2	4.2	Pass
Mode Field Diameter at 1550 nm	6.3	7.3	μm	6.7	6.7	Pass
Clad Diameter	124	126	μm	124.8	125.1	Pass
Core/Clad Offset	0	0.5	μm	0.21	0.22	Pass
Coating Diameter	230	260	μm	247.1	249.4	Pass
Coating-Clad Concentricity	0	5	μm	1.7	3.4	Pass
Prooftest Level	200	220	kpsi	218	218	Pass

Design Information				
Parameter	Min	Max	Nom	Units
Core NA			0.2	
Long Term Bend Radius	13			mm
Short Term Bend Radius	6			mm
Operating Wavelength	980	1600		nm
Operating Temperature Range	-55	85		°C
Core Diameter			3.6	μm

Comments:

Original Approval:

J. Zhang

Date:

1/4/2023