

Specifications for Plastic Optical Fiber

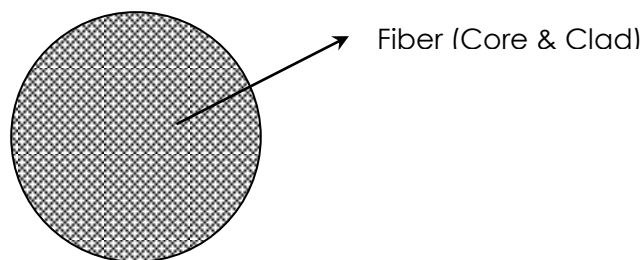
Multicore POFTM MBI-1500

Issued on : April 30, 2020

Issued by : Asahi Kasei Corporation
Plastic Optical Fiber
Marketing & Development Gr

1, STRUCTURE

ITEM	UNIT	Specifications
Core Material		PMMA
Clad Material		Fluorinated Polymer
Fiber Diameter	μm	1500 ± 90
Core Number		7400
NA		0.5



2, PROPERTIES

ITEM	UNIT	Specification	
Application Temperature Range	°C	-55 ~ 60	
Tensile Strength at Break Point	N	≥ 90	*1

Sample conditions

Temperature: T = 23°C
 Humidity: RH = 50%
 Storage time: t = 200h

*1 : Interval between grippers = 100 mm, Tensile Speed = 100mm/min

3, RoHS certification

The product does not contain RoHS 2 hazardous substances, Cadmium, Lead, Mercury, Chromium (VI), PBB, PBDE, DIBP, DEHP, DBP and BBP intentionally.