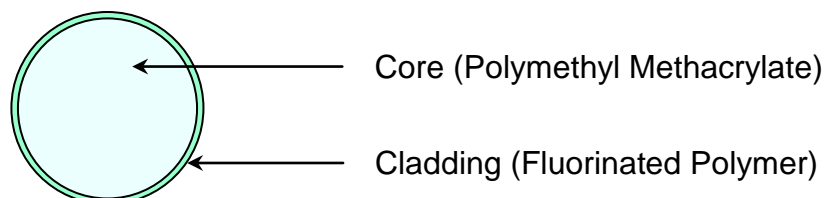


# TORAY RAYTELA®

## Side Light Plastic Optical Fiber

### — PS series —

#### 1. Structure

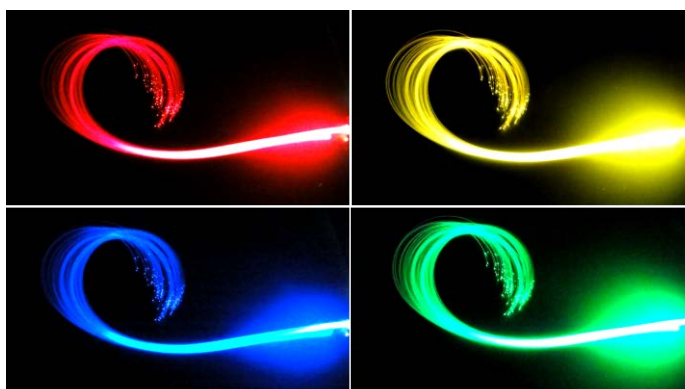


#### 2. Specifications

Parameter		Performance
Core	Material	Polymethyl Methacrylate (PMMA)
	Refractive index	1.49
Cladding	Material	Fluorinated Polymer
	Refractive index profile	Step index
Numerical aperture (NA)		0.46
Acceptance angle		55°

#### 3. Fiber Product List

Product Code	Fiber Diameter (μm)	Length on Spool (m/spool)
PS-FB 250	250	12,000
PS-FB 500	500	6,000
PS-FB 750	750	2,700 9,000
PS-FB1000	1,000	1,500 5,250



<Photograph Conditions>

- PS-FB1000 (Length 2m)
- 50W Halogen Lamp & Color Filter

KB1510-PS3

**Toray Industries, Inc.**

Optical Fiber Sales Section

Electronic Materials Marketing & Sales Department 1

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