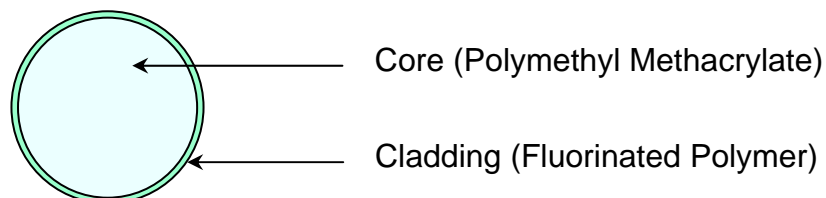


TORAY RAYTELA®

— PFE 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)		0.5
Acceptance angle		60°
Available temperature range Permanent use		-55 ~ 85 °C

3. Cord Product List

Product Code	Fiber/Jacket Diameter (mm)	Number of Fibers	Jacket	Length on Spool (m/spool)	Attenuation at 650nm (dB/m)	Allowable Bending Radius (mm)
PFEU-CD1001-22-E	1.0/2.2	1	PE	1,000	≤0.15	9
PFEU-UD1001-22-E (Flame Retardant Type)	1.0/2.2	1	PE UL-Certified	1,000	≤0.15	9
PFEU-CD1002-22-E	1.0/2.2 (4.4)	2	PE	500	≤0.15	9
PFEU-UD1002-22-E (Flame Retardant Type)	1.0/2.2 (4.4)	2	PE UL-Certified	500	≤0.15	9