0.50 NA Hard Polymer Clad Multimode Fiber

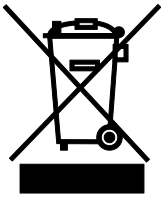
Description

FP200ERT

Thorlabs' 0.50 NA hard polymer-clad, multimode, step-index fibers offer high numerical apertures to suit a broad range of applications, from remote illumination to photodynamic therapy. This high-quality fiber offers easy termination with no pistoning effect and is a cost-effective alternative to silica / silica fiber.

Specifications

FP200ERT	
Transmission Region	400 – 2200 nm (Low OH Content)
Core Diameter	200 ± 5 µm
Cladding Diameter	225 ± 5 µm
Coating Diameter	500 ± 30 µm
Core / Cladding Material	Pure Silica / Hard Polymer
Operating Temperature (Tefzel Coating)	-40 to 85 °C
Numerical Aperture (NA)	0.50
Attenuation	12 dB/km @ 810 nm (Max)
Proof Test Level	≥100 kpsi
Max Core Offset	5 µm
Bend Radius	21 mm (Short Term) 42 mm (Long Term)
Recommended Stripping Tool	T12S21



Performance Plot