

0.50 NA Hard Polymer Clad Multimode Fiber



Description

FP200URT

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

FP200URT	
Transmission Region	300 - 1200 nm (High 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 150 °C
Numerical Aperture (NA)	0.50 ± 0.02
Proof Test Level	≥100 kpsi
Bend Radius	8 mm (Short Term) 16 mm (Long Term)
Recommended Stripping Tool	T12S21

Performance Plot

