

# ArmD® POF Optical Fibers

## Plastic Optical Fibers

Polymethyl Methacrylate fibers exhibit robustness, low weight, and enhanced flexibility compared to silica optical fibers. These attributes position POF fibers as a highly versatile choice for diverse professional applications.

### Wavelength

ArmD® POF 400 - 1100 nm

### Numerical Aperture (NA)

Low	0,46 ± 0,02
Standard	0,50 ± 0,02
High	0,58 ± 0,02
	0,64 ± 0,02

## Advantages

- Excellent Bend Resistance
- Easy to Handle
- Water-Resistant
- High Light Transmission

Fluorinated Polymer

Polymethyl Metalcrylate

## Technical data

Attenuation @ 650nm (dB/km)	≤ 150 to ≤ 200
Acceptance Angle	55° to 79°
Operating temperature	up to 85°C
Core diameter	Available from 125 to 2000 μm
Minimum bending radius	15 X Cladding Diameter



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