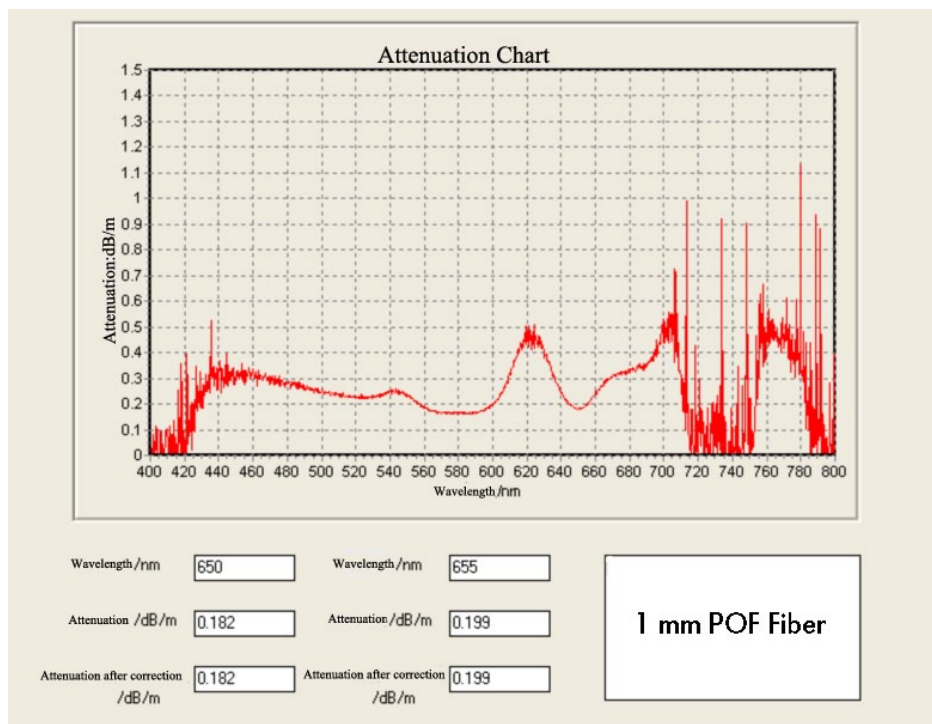
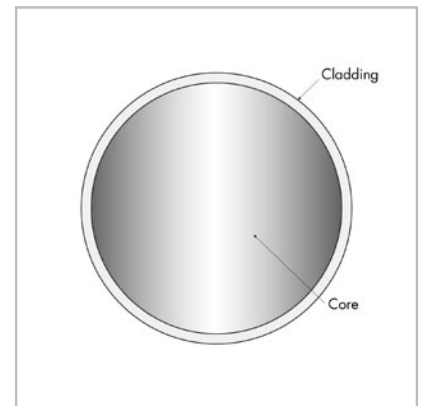


Overview Low Cost POF Fibers and Cables

Fiber Core Material	PMMA
Fiber Cladding Material	Fluorinated Polymer
Core Refractive Index	1.492
Numerical Aperture	0.5



Fiber Overview

Description	Numerical aperture	Jacket	Attenuation	Spool length
POF-250	0.5	Bare Fiber	≤ 350 dB/km	12.000 m
POF-500	0.5	Bare Fiber	≤ 250 dB/km	6.000 m
POF-750	0.5	Bare Fiber	≤ 250 dB/km	2700 m
POF-1000	0.5	Bare Fiber	≤ 250 dB/km	1500 m
POF-1500	0.5	Bare Fiber	≤ 250 dB/km	700 m
POF-2000	0.5	Bare Fiber	≤ 250 dB/km	350 m
POF-2500	0.5	Bare Fiber	≤ 250 dB/km	200 m
POF-3000	0.5	Bare Fiber	≤ 250 dB/km	150 m

Applications

- Illumination
- Decoration
- Displays

Low Attenuation Fibers with ≤ 200 dB on request.

Cable Overview

Description	Jacket diameter (mm)	Jacketing materials	Attenuation	Numerical aperture	Operation temperature	Spool length
POF-500C	1.0 ± 0.05	Black PE	≤ 250 dB/km	0.5	-50 to +70°C	1500 m
POF-750C	2.2 ± 0.05	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	2500 m
POF-1000C	2.2 ± 0.05	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	2500 m
POF-1000C-Duplex	2.2*4.4 ± 0.05	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	1250 m
POF-1000C-1	4.0 ± 0.1	Black PE/PVC	≤ 200 dB/km	0.5	-50 to +70°C	1000 m
POF-1000C-2	5.0 ± 0.1	Black PE/PVC	≤ 200 dB/km	0.5	-50 to +70°C	1000 m
POF-1000C-3	6.0 ± 0.1	Black PE/PVC	≤ 200 dB/km	0.5	-50 to +70°C	500 m
POF-1000C-4	7.0 ± 0.1	Black PE/PVC	≤ 200 dB/km	0.5	-50 to +70°C	500 m
POF-1000C-5	8.0 ± 0.1	Black PE/PVC	≤ 200 dB/km	0.5	-50 to +70°C	500 m
POF-1500C	3.0 ± 0.1	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	700 m
POF-2000C	3.8 ± 0.1	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	350 m
POF-3000C	5.0 ± 0.1	Black PE	≤ 200 dB/km	0.5	-50 to +70°C	150 m

Applications

- Data Transmission
- Illumination
- Optical Sensors
- Displays