

Single Mode FC/PC Fiber Optic Patch Cables 480-633nm

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URL: <https://www.thorlabs.com/thorproduct.cfm?partnumber=P1-460B-FC-2>

1 Brief description

Single mode fiber, operating wavelength 488 to 633 nm, 0.10 to 0.14 NA. Wavelength range is for the mercury light source, which has a spectral peak at 546.1 nm.

Attenuation as a function of wavelength unavailable on Thorlabs page.

SM450 Fiber: <https://www.thorlabs.hk/thorcat/12600/12605-S01.pdf>

2 Technical Specifications

Operating wavelength	488 - 633 nm
Cut-off wavelength	350 - 470 nm
Numerical aperture	0.10 - 0.14
Attenuation	≤ 50 dB/km at 488 nm
Connectors	FC/PC
Mode-Field Diameter	2.8 - 4.1 μ m at 488 nm

3 Data plots

Unavailable on Thorlabs website.

4 Drawing

