

# Single Mode FC/PC Fiber Optic Patch Cables 633-780nm

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URL: <https://www.thorlabs.com/thorproduct.cfm?partnumber=P1-630A-FC-2>

## 1 Brief description

Single mode fiber, operating wavelength 633 to 780 nm, 0.10 to 0.14 NA. Wavelength range is for HeNe laser operating at 632.8 nm.

Attenuation as a function of wavelength unavailable on Thorlabs page.

SM600 Fiber: <https://www.thorlabs.com/thorcat/12600/12606-S01.pdf>

Wavelength range is the spectral region between cutoff wavelength and the bend edge. It represents the region where fiber transmits in the TEM<sub>00</sub> mode with low attenuation. For this fiber, bend edge wavelength is typically 200nm longer than the cut-off wavelength.

## 2 Technical Specifications

Operating wavelength	633 - 780 nm
Cut-off wavelength	500 - 600 nm
Numerical aperture	0.10 - 0.14
Attenuation	≤ 15 dB/km at 633 nm
Connectors	FC/PC
Mode-Field Diameter	3.6 - 5.3μm at 633 nm

## 3 Data plots

Unavailable on Thorlabs website.

## 4 Drawing

