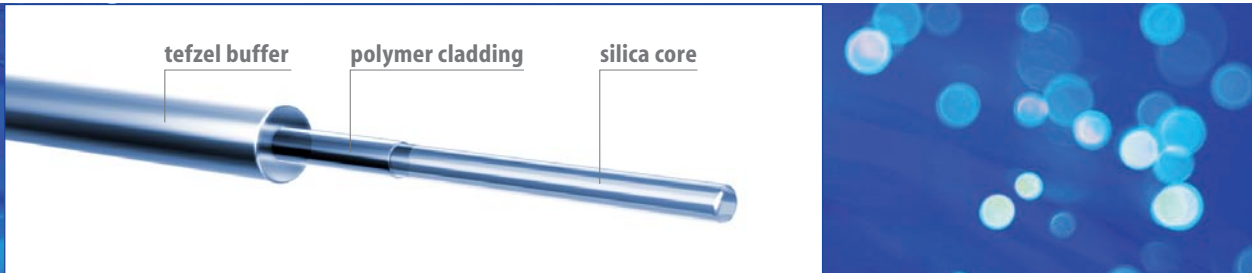


PCF K200/230



Polymer Cladded Fiber (PCF) K200/230

Geometric/thermal properties

Core diameter (µm)	200
Cladding diameter (µm)	230
Tefzel buffer (µm)	500

Transmission properties

Wavelength (nm)	650	850
Attenuation max. (dB/km)	10	8
Min. bandwidth (MHz · km)	17	20
Numerical aperture	0.37	0.37

PCF has a glass core and a plastic sheath. There is an additional **Tefzel layer** to improve mechanical and thermal properties.

The same transmitting and receiving elements are used for PCF and POF. Because attenuation is lower, distances up to 500 m can be bridged.

They can also be used at a wavelength of $\lambda = 850$ nm.

