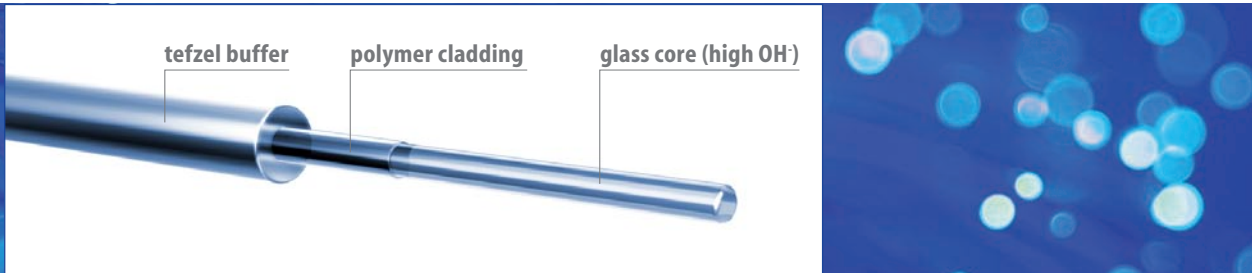


## PCF with tefzel buffer for VIS (high OH<sup>-</sup>)



### Construction

Core	Quartz glass (high OH <sup>-</sup> )
Cladding	Polymer
Buffer	Tefzel
Temperature range	-65 °C to +125 °C
Proof test level	70 kpsi = 500 MPa, <i>higher on request</i>

### Numerical aperture

0.37 ± 0.02 (standard)
0.33 ± 0.02
0.43 ± 0.02
0.48 ± 0.02

### Properties

Core [μm] (± 2 %)	200	300	400	600	800	1000
Cladding [μm] (± 2 %)	230	330	430	630	830	1035
Buffer [μm] (± 5 %)	500	650	730	1040	1040	1400
Bend. radius short term [mm]	10	15	29	58	73	73
Bend. radius long term [mm]	16	24	47	94	118	118
Attenuation at 820 nm	12	12	12	12	12	12
Band width [MHz · km] at 850 nm	20	15	13	9	7	5
Proof test level [N/mm <sup>2</sup> ]	1000	1000	600	500	500	600
Fiber description	F-7Y 1K200/ 230 14A	F-7Y 1K300/ 330 14A	F-7Y 1K400/ 430 14A	F-7Y 1K600/ 630 14A	F-7Y 1K800/ 830 14A	F-7Y 1K1000/ 1035 14A
Order no. for NA=0.37	84850011V	84850012V	84850013V	84850014V	84850015V	84850016V

*Additional attenuation of about 3 dB/km at 820 nm due to the production of a cable*

### Typical attenuation spectra for NA = 0.37

