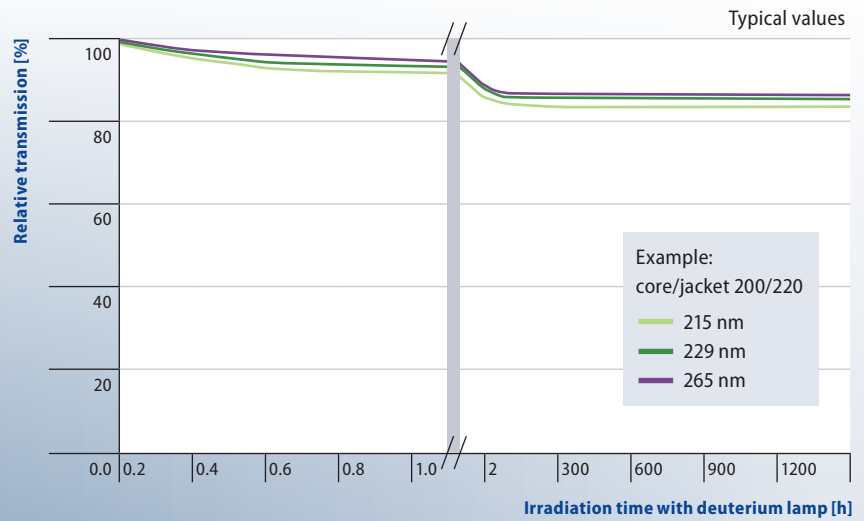
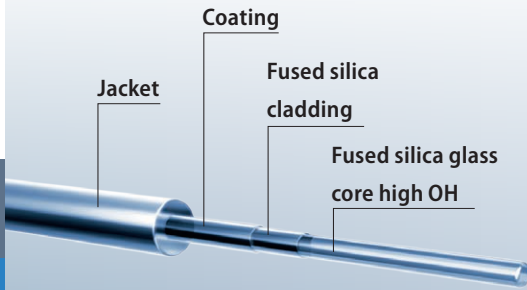


ultrasol® fibers

(solarization-stable fibers)

Also as
fiber bundles!

Special optical fibers



Progressive absorption of the fibers to the point of complete failure occurs when using UV-VIS fibers < 240 nm. Our solarization-stable fibers can be used for applications in this critical range.

These newly developed fibers with high OH content are characterised by very good transmission in the 190–250 nm range. A deuterium light source was used for the measurement.

Solarisation-stable fibers are also available as fiber bundles with a single-fiber core from 30 µm.

Step-index multimode: UV-VIS

Core Ø ±2 % [µm]	100	200	300	400	500	600
Clad Ø ±2 % [µm]	110	220	330	440	550	660



Coating single acrylate

Coating Ø ±3 % [µm]	160	270	400	520	630	740
Order no.:	84808011F	84808012F	84808013F	84808014F	84808016F	84808017F
Fiber code no.:	U00	U01	U02	U03	U05	U06

Coating polyimide

Coating Ø ±3 % [µm]	135	245	355	465	575	685
Order no.:	84808003F	84808004F	84808005F	84808006F	84808008F	84808009F
Fiber code no.:	U20	U21	U22	U23	U25	U26

Nylon® oder Tefzel® optionally available.

Further specifications (including CDDR) are possible.