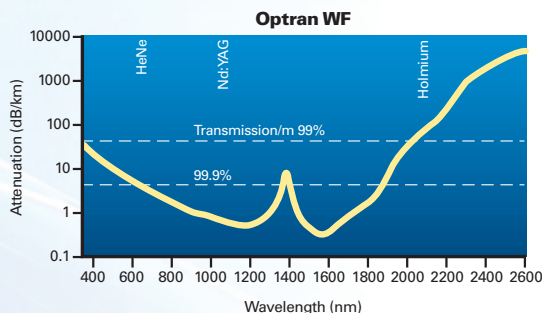
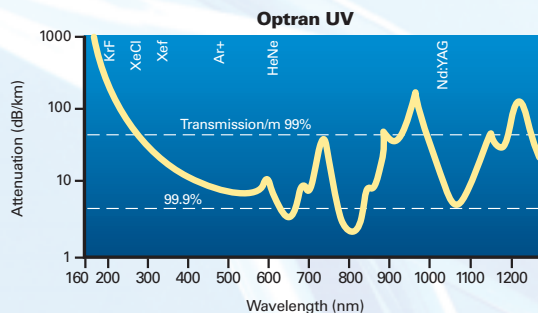
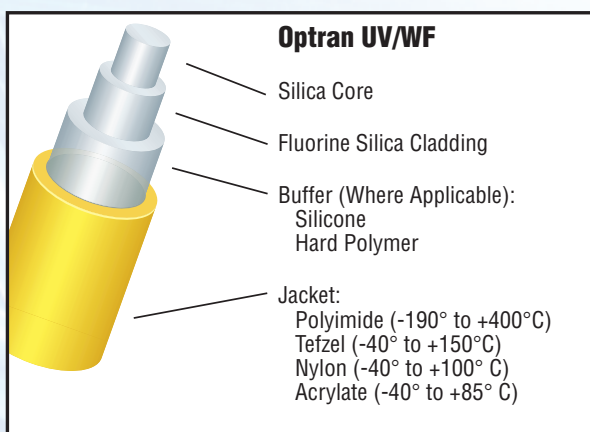


CeramOptec®

Innovative Fiber Optics...Every Step of the Way™

CeramOptec's high quality Optran UV and Optran WF fiber exhibits impressive performance and transmission from the deep UV to the IR. With exceptional radiation resistance and broad temperature capability, Optran UV and Optran WF are ideal for applications including spectroscopy, Thomson scattering, and medical diagnostics. We offer a choice of several jacket types and sizes—as well as custom-designed products and sizes to meet your specifications. For instance, our new Optran WF with a hard polymer buffer features *Cleave N Connect™* technology to eliminate messy silicone stripping.

Fiber Design



Applications

■ Industrial/Scientific

- Spectroscopy
- Sensors
- UV photolithography
- Laser welding/soldering/marking
- Laser delivery
- Nuclear plasma diagnostics

- Analytical instruments
- Laser diode pigtailing
- Pyrometry
- Semiconductor capital equipment
- Thomson scattering

■ Medical

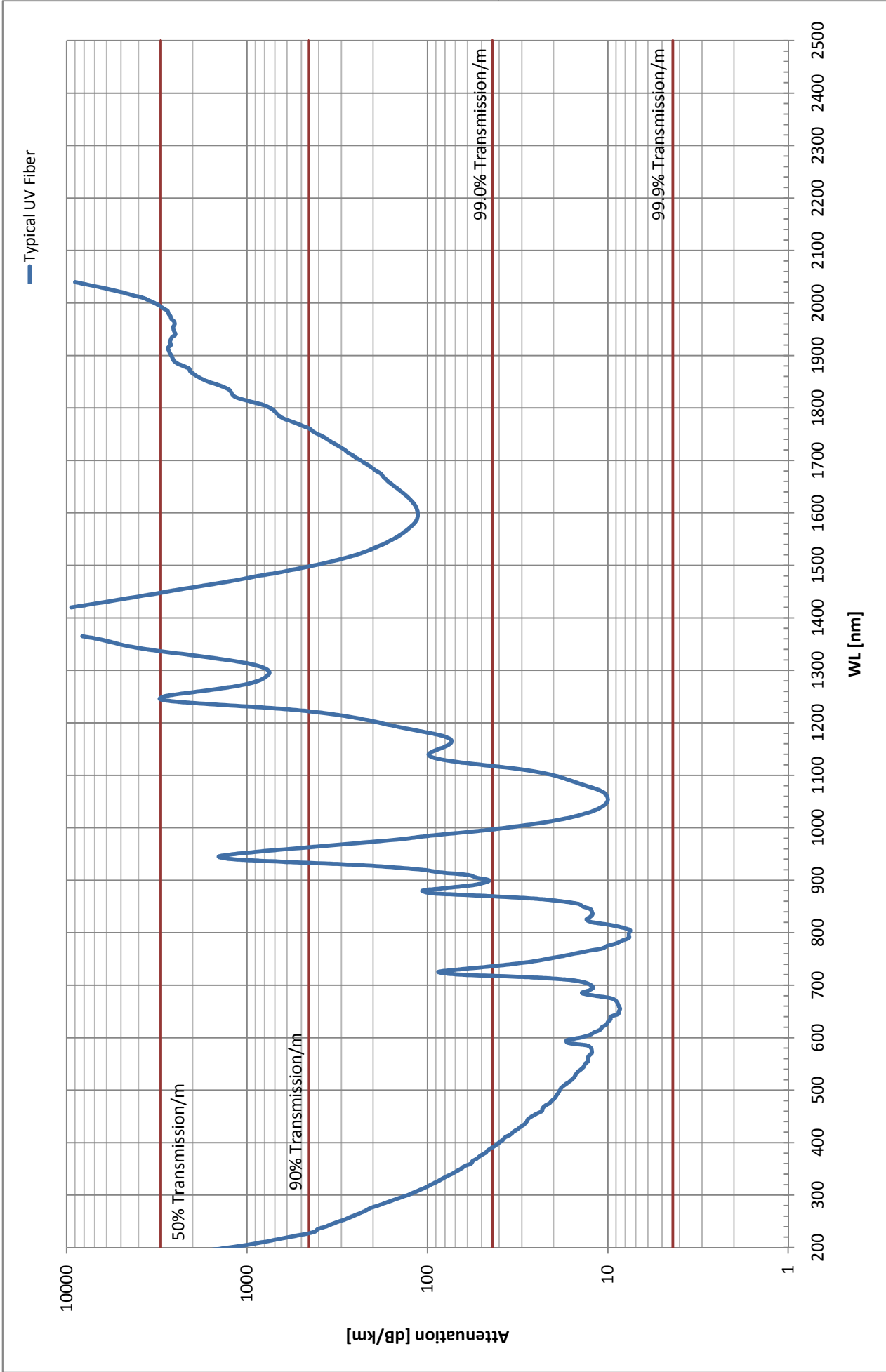
- Medical diagnostics
- Laser delivery

- Photodynamic therapy

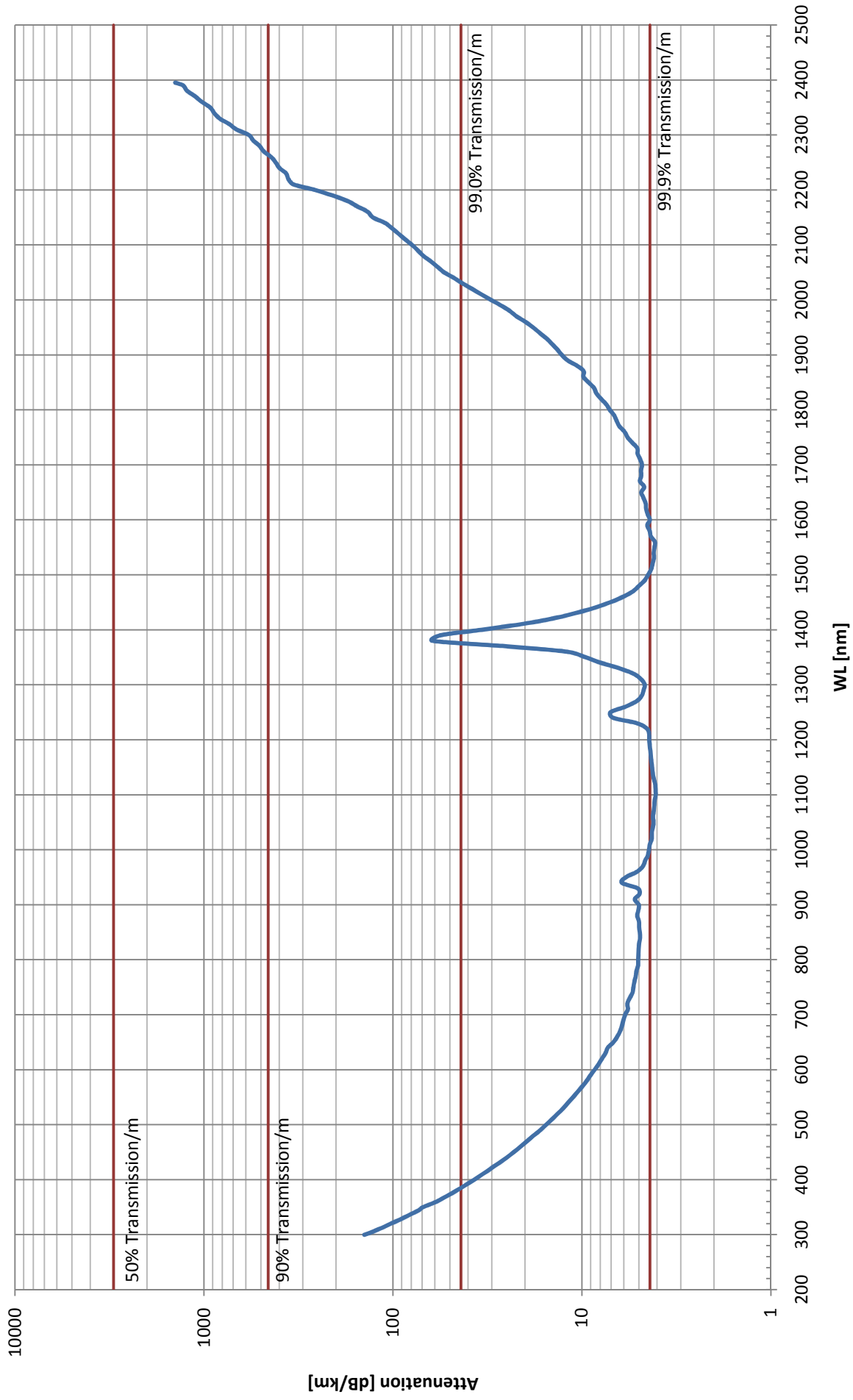
Optran UV & Optran WF Standard NA (0.22) Sizes

Product Code	∅ Core (µm) ± 2%	∅ Cladding (µm) ± 2%	∅ Buffer (µm) ± 3%	∅ Jacket (µm) ± 5%
	Pure Silica	Fluorine Doped Silica	Silicone	
Acrylate				Acrylate
50/125 A	50	125		250
100/140 A	100	140		250
105/125 A	105	125		250*
200/220 A	200	220		320
300/330 A	300	330		410
400/440 A	400	440		550
500/550 A	500	550		650
600/660 A	600	660		770
Nylon				Nylon
100/140 N	100	140	240	310
200/220 N	200	220	320	420
300/330 N	300	330	430	530
400/440 N	400	440	540	640
500/550 N	500	550	650	750
600/660 N	600	660	760	860
800/880 N	800	880	980	1200
1000/1100 N	1000	1100	1200	1600
1250/1325 N	1250	1325	1500	1800
1500/1600 N	1500	1600	1800	2200
1700/1800 N	1700	1800	2000	2400
Polyimide				Polyimide
50/125 P	50	125		150
100/110 P	100	110		125*
200/220 P	200	220		245
300/330 P	300	330		355
400/440 P	400	440		470
600/660 P	600	660		710
Tefzel				Tefzel
200/220 T	200	220	320	500
300/330 T	300	330	480	720
400/440 T	400	440	560	1000
500/550 T	500	550	650	1100
600/660 T	600	660	810	1200
800/880 T	800	880	980	1200
1000/1100 T	1000	1100	1300	1600
1250/1325 T	1250	1325	1525	2100
1500/1600 T	1500	1600	1800	2400
1700/1800 T	1700	1800	1900	2600

Note: Please prefix product code with "UV" or "WF" according to your wavelength.
 Low NA: 0.12 ± 0.02 (Suffix Product Code with "12")
 High NA – Optran Plus™ 0.28: 0.28 ± 0.02 (Suffix Product Code with "28")
 High NA – Optran Plus™ 0.30: 0.30 ± 0.02 (Suffix Product Code with "30")
 Ex: UV 1250/1325 T 28



— Typical WF Fiber





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Innovative Fiber Optics...Every Step of the Way

CeramOptec was founded in 1986 and today is a global leader in the production of stock and custom silica / silica, plastic-clad silica, and hard polymer-clad silica optical fibers; fused capillary tubing; DPSS lasers; diode modules; and low loss bundles and assemblies for UV, VIS, and IR transmission, medical laser delivery, sensors, plasma fusion, and spectroscopy.

With several facilities worldwide, we are able to provide our customers with local, prompt, and reliable service and products. By maintaining complete control over the entire manufacturing process—from preform manufacturing to finished fiber product—we are able to provide the highest quality control, custom solutions, and competitive pricing to our customers.

Please visit <http://www.ceramoptec.com> for more information.

CeramOptec is a subsidiary of biolitec™ AG.

Please visit <http://www.biolitec.com> for more information.