



基板材質	UVフューズドシリカ
面精度	$\lambda/2$ (@633 nm、コーティング前において)
表面品位	40-20、MIL-PRF-13830Bによる
寸法公差	+ 0.00 mm、 0.25 mm
厚みの公差	± 0.25 mm
面取り	0.35 mm、45°標準
同心円度	≤ 0.05 mm
焦点距離の公差	$\pm 3\%$ (@633 nm)
減反射コーティング	ユーザーにより指定、 $R_{avg} \leq 0.5\%$ /1面
有効径	直径中心の85%以上
損傷しきい値	10 J/cm ² 、20 ns、20Hz(パルス @1064 nm) 1 MW/cm ² (CW @1064 nm)

フューズドシリカ製の発散用単レンズ
CVIメレスグリオの全ての低損失、高エネルギー用ARコーティングを施す事が可能
レンズマウントもご用意
表面品位10-5、CVIレーザークオリティのPLCC-UVシリーズもご用意

ご注文方法

レンズの製品番号

PCF-15.0-38.6-UV

355-532

ARコーティングの波長(nm)

248-355

355-532

1064

フューズドシリカ製平凹レンズ、CVI QuantaGlas™

標準焦点距離 f (mm)	直径 D (mm)	f@266 nm (mm)	f@355 nm (mm)	f@532 nm (mm)	f@1064 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
-10.0	5.0	-10.4	-10.9	-11.3	-11.6	-5.2	2.0	2.6	PCF-5.0-5.2-UV
-16.0	10.0	-15.6	-16.4	-16.9	-17.3	-7.8	2.0	3.8	PCF-10.0-7.77-UV
-21.0	10.0	-20.6	-21.6	-22.4	-22.9	-10.3	2.0	3.3	PCF-10.0-10.3-UV
-21.0	12.7	-20.6	-21.6	-22.4	-22.9	-10.3	2.0	4.2	PCF-12.7-10.3-UV
-26.0	12.7	-25.8	-27.1	-28.0	-28.7	-12.9	2.5	4.2	PCF-12.7-12.9-UV
-26.0	25.4	-25.8	-27.1	-28.0	-28.7	-12.9	3.0	13.6	PCF-25.4-12.9-UV
-26.0	15.0	-25.8	-27.1	-28.0	-28.7	-12.9	2.0	4.4	PCF-15.0-12.9-UV
-31.0	15.0	-31.0	-32.6	-33.6	-34.5	-15.5	2.0	3.9	PCF-15.0-15.5-UV
-31.0	20.0	-31.0	-32.6	-33.6	-34.5	-15.5	5.7	9.4	PCF-20.0-15.5-UV
-31.0	25.4	-31.0	-32.6	-33.6	-34.5	-15.5	3.0	9.8	PCF-25.4-15.5-UV
-36.0	25.4	-36.0	-37.8	-39.1	-40.0	-18.0	3.0	8.3	PCF-25.4-18.0-UV
-41.0	12.7	-41.0	-43.1	-44.5	-45.6	-20.5	2.0	3.1	PCF-12.7-20.5-UV
-41.0	25.4	-41.0	-43.1	-44.5	-45.6	-20.5	2.0	6.4	PCF-25.4-20.5-UV
-52.0	20.0	-51.6	-54.2	-56.0	-57.4	-25.8	2.0	4.0	PCF-20.0-25.8-UV
-52.0	10.0	-51.6	-54.2	-56.0	-57.4	-25.8	2.0	2.5	PCF-10.0-25.8-UV
-52.0	15.0	-51.6	-54.2	-56.0	-57.4	-25.8	2.0	3.1	PCF-15.0-25.8-UV
-52.0	20.0	-51.6	-54.2	-56.0	-57.4	-25.8	3.0	5.0	PCF-20.0-25.8-UV
-52.0	25.4	-51.6	-54.2	-56.0	-57.4	-25.8	3.0	6.4	PCF-25.4-25.8-UV
-52.0	12.7	-51.6	-54.2	-56.0	-57.4	-25.8	2.0	2.8	PCF-12.7-25.8-UV

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フューズドシリカ製平凹レンズ、CVI QuantaGlas™

標準焦点 距離 f (mm)	直径 D (mm)	f@266 nm (mm)	f@355 nm (mm)	f@532 nm (mm)	f@1064 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
-60.0	25.4	-60.0	-63.0	-65.1	-66.7	-30.0	3.0	5.8	PCF-25.4-30.0-UV
-62.0	25.4	-61.8	-64.9	-67.1	-68.7	-30.9	3.0	5.8	PCF-25.4-30.9-UV
-73.0	25.4	-72.8	-76.5	-79.0	-81.0	-36.4	3.0	5.3	PCF-25.4-36.4-UV
-77.0	15.0	-77.2	-81.1	-83.8	-85.8	-38.6	2.0	2.7	PCF-15.0-38.6-UV
-77.0	25.4	-77.2	-81.1	-83.8	-85.8	-38.6	2.0	4.1	PCF-25.4-38.6-UV
-77.0	38.1	-77.2	-81.1	-83.8	-85.8	-38.6	3.0	8.1	PCF-38.1-38.6-UV
-83.0	25.4	-83.1	-87.2	-90.1	-92.3	-41.5	3.0	5.0	PCF-25.4-41.5-UV
-83.0	50.8	-83.1	-87.2	-90.1	-92.3	-41.5	3.0	11.7	PCF-50.8-41.5-UV
-100.0	20.0	-100.1	-105.0	-108.5	-111.2	-50.0	3.0	4.0	PCF-20.0-50.0-UV
-100.0	40.0	-100.1	-105.0	-108.5	-111.2	-50.0	3.0	7.2	PCF-40.0-50.0-UV
-103.0	10.0	-103.1	-108.2	-111.8	-114.5	-51.5	2.0	2.2	PCF-10.0-51.5-UV
-103.0	50.8	-103.1	-108.2	-111.8	-114.5	-51.5	4.0	10.8	PCF-50.8-51.5-UV
-103.0	38.1	-103.1	-108.2	-111.8	-114.5	-51.5	3.0	6.7	PCF-38.1-51.5-UV
-103.0	25.4	-103.1	-108.2	-111.8	-114.5	-51.5	2.0	3.6	PCF-25.4-51.5-UV
-103.0	15.0	-103.1	-108.2	-111.8	-114.5	-51.5	2.0	2.5	PCF-15.0-51.5-UV
-103.0	12.7	-103.1	-108.2	-111.8	-114.5	-51.5	2.0	2.4	PCF-12.7-51.5-UV
-129.0	25.4	-128.9	-135.3	-139.8	-143.2	-64.4	2.9	4.2	PCF-25.4-64.4-UV
-129.0	50.8	-128.9	-135.3	-139.8	-143.2	-64.4	4.0	9.3	PCF-50.8-64.4-UV
-150.0	38.1	-150.1	-157.5	-162.8	-166.8	-75.0	3.0	5.5	PCF-38.1-75.0-UV
-157.0	10.0	-156.5	-164.2	-169.7	-173.9	-78.2	2.3	2.4	PCF-10.0-78.2-UV
-157.0	50.8	-156.5	-164.2	-169.7	-173.9	-78.2	4.1	8.5	PCF-50.8-78.2-UV
-157.0	25.4	-156.5	-164.2	-169.7	-173.9	-78.2	3.1	4.2	PCF-25.4-78.2-UV
-200.0	38.1	-200.1	-210.0	-217.1	-222.4	-100.0	3.0	4.8	PCF-38.1-100.0-UV
-200.0	50.0	-200.1	-210.0	-217.1	-222.4	-100.0	4.0	7.2	PCF-50.0-100.0-UV
-207.0	25.4	-206.9	-217.2	-224.4	-230.0	-103.4	3.4	4.2	PCF-25.4-103.36-UV
-207.0	50.8	-206.9	-217.2	-224.4	-230.0	-103.4	4.8	8.0	PCF-50.8-103.36-UV
-250.0	25.4	-250.2	-262.5	-271.3	-278.0	-125.0	2.9	3.5	PCF-25.4-125.0-UV
-250.0	50.8	-250.2	-262.5	-271.3	-278.0	-125.0	4.0	6.6	PCF-50.8-125.0-UV
-250.0	50.0	-250.2	-262.5	-271.3	-278.0	-125.0	4.0	6.5	PCF-50.0-125.0-UV
-260.0	25.4	-260.2	-273.0	-282.2	-289.1	-130.0	3.6	4.2	PCF-25.4-130.0-UV
-260.0	19.1	-260.2	-273.0	-282.2	-289.1	-130.0	3.0	3.4	PCF-19.1-130.0-UV
-260.0	50.8	-260.2	-273.0	-282.2	-289.1	-130.0	5.7	8.3	PCF-50.8-130.0-UV
-300.0	25.4	-300.2	-315.0	-325.6	-333.6	-150.0	3.1	3.6	PCF-25.4-150.0-UV
-313.0	25.4	-312.8	-328.3	-339.3	-347.6	-156.3	3.7	4.2	PCF-25.4-156.3-UV
-313.0	50.8	-312.8	-328.3	-339.3	-347.6	-156.3	5.7	7.8	PCF-50.8-156.3-UV
-400.0	25.4	-400.3	-420.1	-434.1	-444.8	-200.0	3.4	3.8	PCF-25.4-200.0-UV
-400.0	50.8	-400.3	-420.1	-434.1	-444.8	-200.0	6.4	8.0	PCF-50.8-200.0-UV
-500.0	25.4	-500.3	-525.1	-542.6	-556.0	-250.0	3.6	3.9	PCF-25.4-250.0-UV
-517.0	25.4	-517.1	-542.7	-560.9	-574.7	-258.4	3.9	4.2	PCF-25.4-258.4-UV
-517.0	50.8	-517.1	-542.7	-560.9	-574.7	-258.4	7.0	8.3	PCF-50.8-258.4-UV
-624.0	25.4	-624.4	-655.3	-677.2	-693.9	-312.0	3.9	4.2	PCF-25.4-312.0-UV
-624.0	50.8	-624.4	-655.3	-677.2	-693.9	-312.0	7.0	8.1	PCF-50.8-312.0-UV
-1034.0	25.4	-1034.3	-1085.4	-1121.7	-1149.4	-516.8	4.1	4.3	PCF-25.4-516.8-UV
-1034.0	50.8	-1034.3	-1085.4	-1121.7	-1149.4	-516.8	7.4	8.0	PCF-50.8-516.8-UV