

LAYERTEC 啁啾镜对 平面 340 - 440nm (用于飞秒激光)



描述

(Chirped Mirror Pair)啁啾镜用于补偿超短激光脉冲与色散相关的传播时间差。如果 GDD 曲线中的振荡很强，则需要啁啾镜对（由两个啁啾镜组成）。对于高带宽的镜子尤其如此。啁啾镜的 GDD 曲线并不代表直线曲线，而是显示振荡。其中，这些强度有多强取决于光谱带宽。对于小于同类布拉格镜带宽的 GDD 带宽，振荡相当小。另一方面，具有高带宽的镜子表现出强烈的 GDD 振荡。

产品型号

148921



核心参数

直径	厚度	高反射率
25.0(-0.1)mm	6.35(±0.10)mm	>99%

详细参数

啁啾镜对按型号 82 条

型号	规格	正/背面形状	涂层
Chirped Mirror Pair 148921 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRp}(5^\circ, 340\text{-}440\text{nm}) > 99\%$ $\text{GDD}(5^\circ, 340\text{-}440\text{nm}) = -25\text{fs}^2$

Chirped Mirror Pair 148920 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRp(5°,340-440nm)>99% GDDp(5°,340-440nm)=-25f s ²
Chirped Mirror Pair 102504 Corning 7980 2F or equal	Ø = 12.7 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,360-480nm)>99.5%, GDD=-15fs ²
Chirped Mirror Pair 103851 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,360-480nm)>99.5% GDDu(0-8°,360-480nm)=15 fs ²

Chirped Mirror Pair 107549 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 250 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) PR($0^\circ, 430\text{--}690\text{nm}$)= $99.5(\pm 0.3\%)$, GDD= -20fs^2 Rear Side (S1) AR($0^\circ, 430\text{--}690\text{nm}$)
Chirped Mirror Pair 148545 Corning 7980	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR($0^\circ, 470\text{--}810\text{nm}$)>99.7% GDD($0^\circ, 470\text{--}810\text{nm}$)= -40fs^2

Chirped Mirror Pair 109812 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 480\text{--}640\text{nm}) > 99.85\%$, $\text{GDD} = -70 \text{--} -40 \text{fs}^2$
Chirped Mirror Pair 109811 Corning 7980	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 480\text{--}640\text{nm}) > 99.85\%$, $\text{GDD} = -70 \text{--} -40 \text{fs}^2$
Chirped Mirror Pair 109936 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 480\text{--}660\text{nm}) > 99.85\%$, $\text{GDD} = -22 \text{fs}^2$
Chirped Mirror Pair 109937 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 480\text{--}660\text{nm}) > 99.85\%$, $\text{GDD} = -22 \text{fs}^2$

Chirped Mirror Pair 109935 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,480-660nm)>99.85%, GDD=-22fs ² Rear Side (S1) HR(0°,440-660nm)>99.85%, GDD=-22fs ²
Chirped Mirror Pair 109384 Corning 7980	45 mm x 15 mm t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,480-660nm)>99.85%, GDD=-22fs ²
Chirped Mirror Pair 134205 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(7°,500-1000nm)>99.4 %

Chirped Mirror Pair 111346 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(7°,500-1000nm)>99.4 %
Chirped Mirror Pair 116433 Corning 7980	45 mm x 15 mm t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(7°,500-1000nm)>99.4 %
Chirped Mirror Pair 183448 Corning 7980 2F or equal	Ø = 12.7 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(5°,510-920nm)>99.7% GDD(5°,520-900nm)=-40fs ²
Chirped Mirror Pair 149666 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(5°,510-920nm)>99.7% GDD(5°,520-900nm)=-40fs ²

Chirped Mirror Pair 148731 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(5°,510-920nm)>99.7% GDD(5°,520-900nm)=-40fs ²
Chirped Mirror Pair 146883 Corning 7980 2F or equal	Ø = 12.7 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,540-1040nm)>99.6%
Chirped Mirror Pair 146887 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,540-1040nm)>99.6%
Chirped Mirror Pair 147519 Corning 7980	Ø = 50 mm t = 9.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,540-1040nm)>99.6%

Chirped Mirror Pair 146851 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,540-1040nm)>99.6%
Chirped Mirror Pair 146885 Corning 7980	45 mm x 15 mm t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,540-1040nm)>99.6%
Chirped Mirror Pair 107864 Corning 7980 2F or equal	Ø = 12.7 mm t = 6.35 mm	Front Side (S2) concave r = 200 mm Rear Side (S1) plane	Front Side (S2) HR(0°,570-1040nm)>99.7%, GDD=-40fs ²
Chirped Mirror Pair 102155 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,600-1000nm)>99.6%, GDD=-40fs ²

Chirped Mirror Pair 104408 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 100 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 600\text{--}1000\text{nm}) > 99.6\%$, $\text{GDD} = -40\text{fs}^2$
Chirped Mirror Pair 103804 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 150 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 600\text{--}1000\text{nm}) > 99.6\%$, $\text{GDD} = -40\text{fs}^2$
Chirped Mirror Pair 102222 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 1,000 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 600\text{--}1000\text{nm}) > 99.6\%$, $\text{GDD} = -40\text{fs}^2$
Chirped Mirror Pair 103803 Corning 7980 2F or equal	$\varnothing = 25.4 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 600\text{--}1000\text{nm}) > 99.6\%$, $\text{GDD} = -40\text{fs}^2$

Chirped Mirror		Front Side (S2)	Front Side (S2)
Pair 108579	$\varnothing = 25 \text{ mm}$	concave	$\text{HR}(0^\circ, 600\text{--}1020\text{nm}) > 99.8\%$
Corning 7980	$t = 6.35 \text{ mm}$	$r = 700 \text{ mm}$	$\text{GDD} = -50\text{fs}^2$
2F or equal		Rear Side (S1)	
		plane	
Chirped Mirror		Front Side (S2)	Front Side (S2)
Pair 101568	$\varnothing = 12.7 \text{ mm}$	concave	$\text{HR}(0^\circ, 640\text{--}1000\text{nm}) > 99.8\%$
Corning 7980	$t = 6.35 \text{ mm}$	$r = 100 \text{ mm}$	$\text{GDD} = -70\text{fs}^2$
2F or equal		Rear Side (S1)	$\text{R}(0^\circ, 510\text{--}545\text{nm}) < 15\%$
		plane	Rear Side (S1)
			$\text{AR}(0^\circ, 532\text{nm}) < 0.25\%$

Chirped Mirror Pair 102098 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 75 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 640\text{--}1000\text{nm}) > 99.8\%$ $\text{R}(0^\circ, 510\text{--}545\text{nm}) < 15\%$ $\text{GDD}(0^\circ, 720\text{--}1000\text{nm}) = -70f$ s^2 Rear Side (S1) $\text{AR}(0^\circ, 510\text{--}545\text{nm}) < 0.25\%$
Chirped Mirror Pair 102349 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 175 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 650\text{--}1000\text{nm}) > 99.8\%$, $\text{GDD} = -50\text{fs}^2$
Chirped Mirror Pair 102348 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 200 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 650\text{--}1000\text{nm}) > 99.8\%$, $\text{GDD} = -50\text{fs}^2$

Chirped Mirror Pair 141931 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(0-10°,670-970nm)>99. 8%
Chirped Mirror Pair 141933 Corning 7980 2F or equal(Standard item)	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(0-10°,670-970nm)>99. 8%
Chirped Mirror Pair 141934 Corning 7980(Standard item)	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRu(0-10°,670-970nm)>99. 8%

Chirped Mirror Pair 142351 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 38 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$
Chirped Mirror Pair 142350 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 50 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$

Chirped Mirror Pair 142349 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 75 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$
Chirped Mirror Pair 142348 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 100 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$

Chirped Mirror Pair 142347 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 125 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$
Chirped Mirror Pair 152355 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 670-970\text{nm}) > 9.8\%$ $\text{Rs,p}(0-10^\circ, 515-535\text{nm}) < 10\%$ Rear Side (S1) $\text{ARs,p}(0-10^\circ, 500-545\text{nm}) < 0.2\%$

Chirped Mirror Pair 110119 Corning 7980 2F or equal	40 mm x 10 mm t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,670-1020nm)>99.8% GDD(0°,730-850nm)=125fs ²
Chirped Mirror Pair 110086 Corning 7980 2F or equal	Ø = 25 mm t = 6.35 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,680-980nm)>99.6%, GDD=-80-50fs ²
Chirped Mirror Pair 108243 Corning 7980	40 mm x 10 mm with marked corner t = 12.5 mm	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,680-980nm)>99.6%, GDD=-80-50fs ²

Chirped Mirror		Front Side (S2)	Front Side (S2)
Pair 103873	$\varnothing = 12.7 \text{ mm}$	plane	HR(0°,680-1020nm)>99.8%, GDD=-50fs ²
Corning 7980	t = 6.35 mm	Rear Side (S1)	R(0°,490-535nm)<5%
2F or equal		plane	Rear Side (S1) AR(0°,480-570nm)<0.25%
Chirped Mirror		Front Side (S2)	Front Side (S2)
Pair 109088	$\varnothing = 12.7 \text{ mm}$	concave	HR(0°,680-1020nm)>99.8%, GDD=-50fs ²
Corning 7980	t = 6.35 mm	r = 150 mm	R(0°,490-535nm)<5%
2F or equal		Rear Side (S1)	Rear Side (S1)
		plane	AR(0°,480-570nm)<0.25%

Chirped Mirror Pair 106811 Corning 7980	$\varnothing = 12.7 \text{ mm}$ $t = 9.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 700\text{--}900\text{nm}) > 99.8\%$ $\text{GDD} = -50\text{fs}^2$
Chirped Mirror Pair 161071 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRp}(7^\circ, 700\text{--}900\text{nm}) > 99.9\%$ $\text{GDDp}(7^\circ, 700\text{--}900\text{nm}) = -120$ fs^2
Chirped Mirror Pair 148923 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRp}(7^\circ, 700\text{--}900\text{nm}) > 99.9\%$ $\text{GDDp}(7^\circ, 700\text{--}900\text{nm}) = -120$ fs^2
Chirped Mirror Pair 168830 Corning 7980	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRp}(7^\circ, 700\text{--}900\text{nm}) > 99.9\%$ $\text{GDDp}(7^\circ, 700\text{--}900\text{nm}) = -120$ fs^2

Chirped Mirror Pair 103028 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,700-900nm)>99.9%, GDD=-65fs ²
Chirped Mirror Pair 100469 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,700-930nm)>99.9%, GDD=-65fs ²
Chirped Mirror Pair 102760 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 100 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) HR(0°,700-930nm)>99.9%, GDD=-65fs ²
Chirped Mirror Pair 109347 Corning 7980	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,700-950nm)>99.85%, GDD=-60--30fs ²

Chirped Mirror Pair 109348 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 700\text{--}970\text{nm}) > 99.85\%$ $\text{GDD}(0^\circ, 700\text{--}950\text{nm}) = -60\text{--}$ 30fs^2
Chirped Mirror Pair 109346 Corning 7980	45 mm $\times 15 \text{ mm}$ $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 700\text{--}970\text{nm}) > 99.85\%$ $\text{GDD}(0^\circ, 700\text{--}950\text{nm}) = -60\text{--}$ 30fs^2
Chirped Mirror Pair 103467 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 700\text{--}980\text{nm}) > 99.7\%$ $\text{GDD} = -70\text{fs}^2$ $\text{R}(0^\circ, 515\text{--}545\text{nm}) < 10\%$ Rear Side (S1) $\text{AR}(0^\circ, 480\text{--}570\text{nm}) < 0.25\%$

Chirped Mirror Pair 103469 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 30 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $HR(0^\circ, 700-980\text{nm}) > 99.7\%$ $GDD = -70\text{fs}^2$ $R(0^\circ, 515-545\text{nm}) < 10\%$ Rear Side (S1) $AR(0^\circ, 480-570\text{nm}) < 0.25\%$
Chirped Mirror Pair 103468 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 50 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $HR(0^\circ, 700-980\text{nm}) > 99.7\%$ $GDD = -70\text{fs}^2$ $R(0^\circ, 515-545\text{nm}) < 10\%$ Rear Side (S1) $AR(0^\circ, 480-570\text{nm}) < 0.25\%$

Chirped Mirror Pair 106590 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 9.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 710\text{--}940\text{nm}) > 99.9\%$ $\text{GDD}(0\text{--}12^\circ, 740\text{--}870\text{nm}) = -3$ $50\text{--}350\text{fs}^2$
Chirped Mirror Pair 104983 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 50 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 720\text{--}1000\text{nm}) > 99.8\%$, $\text{GDD} = -70\text{fs}^2$ $\text{R}(0^\circ, 510\text{--}545\text{nm}) < 15\%$ Rear Side (S1) $\text{AR}(0^\circ, 532\text{nm}) < 0.25\%$

Chirped Mirror Pair 108335 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 600 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $HR(0^\circ, 720-1000\text{nm}) > 99.8\%$ $GDD = -70\text{fs}^2$ $R(0^\circ, 510-545\text{nm}) < 15\%$ Rear Side (S1) $AR(0^\circ, 532\text{nm}) < 0.2\%$
Chirped Mirror Pair 105105 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 800 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $HR(0^\circ, 720-1000\text{nm}) > 99.8\%$ $GDD = -70\text{fs}^2$ $R(0^\circ, 510-545\text{nm}) < 15\%$ Rear Side (S1) $AR(0^\circ, 532\text{nm}) < 0.2\%$

Chirped Mirror Pair 141920 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.8\%, \text{GDD} = -110\text{fs}^2$
Chirped Mirror Pair 141882 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.8\%, \text{GDD} = -40\text{fs}^2$
Chirped Mirror Pair 141884 Corning 7980 2F or equal(Standard item)	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.8\%, \text{GDD} = -40\text{fs}^2$



Chirped Mirror Pair 141919 Corning 7980 2F or equal(Standard item)	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRs,p(0-10°,725-875nm)>9 9.8%, GDD=-110fs ²
Chirped Mirror Pair 141918 Corning 7980(Standard item)	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRs,p(0-10°,725-875nm)>9 9.8%, GDD=-110fs ²
Chirped Mirror Pair 141886 Corning 7980(Standard item)	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HRs,p(0-10°,725-875nm)>9 9.8%, GDD=-40fs ²

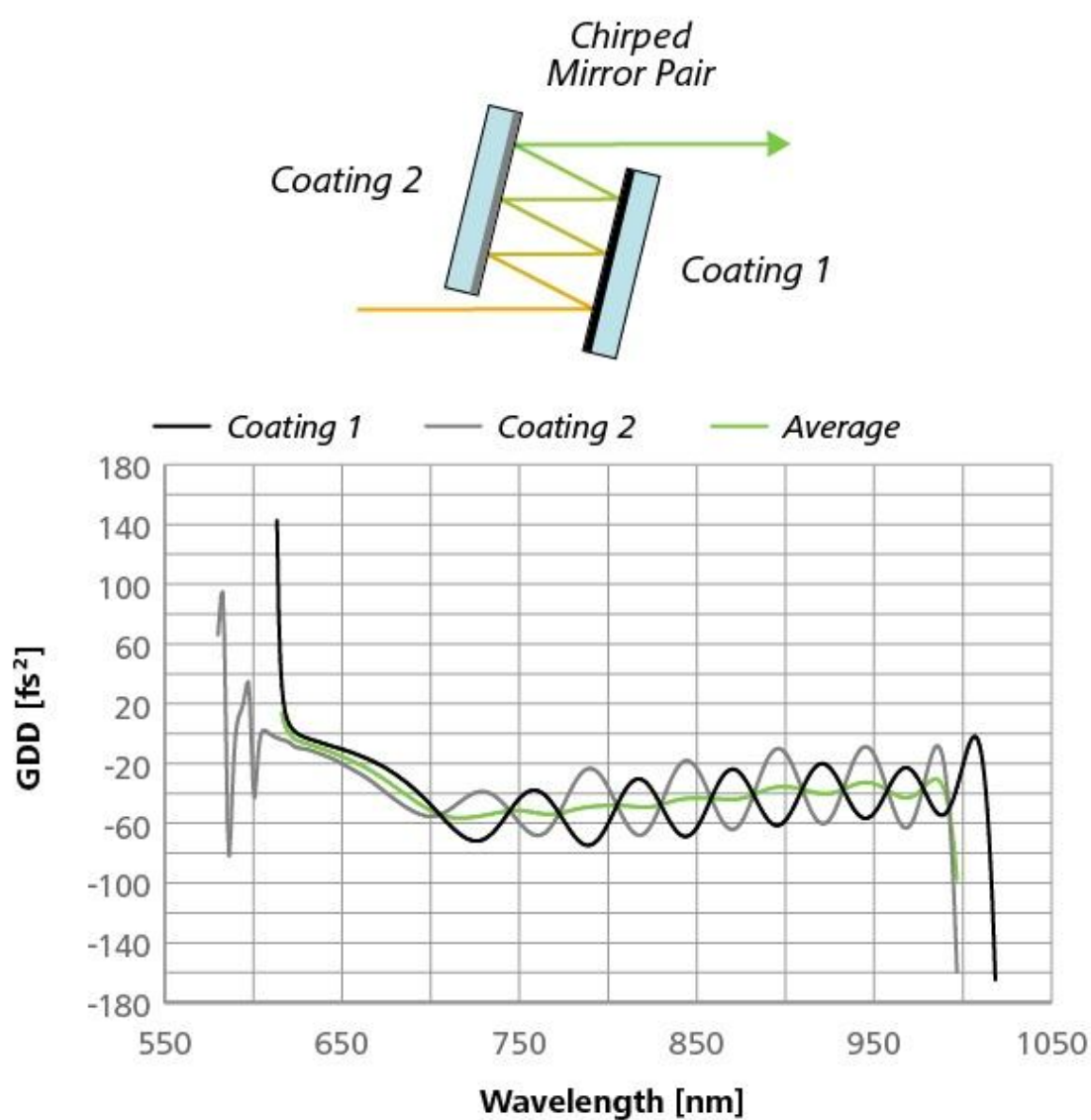
Chirped Mirror Pair 141887 Corning 7980 2F or equal(Standard item)	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.9\%, \text{GDD} = -80\text{fs}^2$
Chirped Mirror Pair 141888 Corning 7980 2F or equal(Standard item)	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.9\%, \text{GDD} = -80\text{fs}^2$
Chirped Mirror Pair 141891 Corning 7980(Standard item)	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRs,p}(0-10^\circ, 725-875\text{nm}) > 9$ $9.9\%, \text{GDD} = -80\text{fs}^2$

Chirped Mirror Pair 106886 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 1,500 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 730\text{--}970\text{nm}) > 99.8\%$, $\text{GDD} = -70\text{fs}^2$
Chirped Mirror Pair 110121 Corning 7980 2F or equal	40 mm $\times 10 \text{ mm}$ $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HRu}(0\text{--}5^\circ, 770\text{--}990\text{nm}) > 99.8\%$, $\text{GDD} = -120\text{fs}^2$
Chirped Mirror Pair 102759 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 150 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 1040\text{--}1460\text{nm}) > 99.8\%$, $\text{GDD} = -120\text{fs}^2$
Chirped Mirror Pair 107437 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) $\text{HR}(0^\circ, 1040\text{--}1460\text{nm}) > 99.8\%$, $\text{GDD} = -120\text{fs}^2$

Chirped Mirror Pair 108947 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,1060-1600nm)>99.8 %, GDD=-150fs ²
Chirped Mirror Pair 108948 Corning 7980 2F or equal	$\varnothing = 12.7 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) concave $r = 150 \text{ mm}$ Rear Side (S1) plane	Front Side (S2) HR(0°,1060-1600nm)>99.8 %, GDD=-150fs ²
Chirped Mirror Pair 108949 Corning 7980 2F or equal	$\varnothing = 25 \text{ mm}$ $t = 6.35 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,1060-1600nm)>99.8 %, GDD=-150fs ²
Chirped Mirror Pair 156961 Corning 7980	40 mm x 10 mm with marked corner $t = 12.5 \text{ mm}$	Front Side (S2) plane Rear Side (S1) plane	Front Side (S2) HR(0°,1060-1600nm)>99.8 %, GDD=-150fs ²

特性曲线

负色散镜对的 GDD 光谱



可以通过使用相应的镜对来实现校正。它们由两个具有相反 GDD 曲线的不同涂层介电镜组成，激光束可以根据需要在两个镜之间来回反射（见图）。这些镜子针对小入射角进行了优化，从而可以实现大量反射。