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TECHSPEC® Yb:YAG Laser Line Mirrors



- >99.8% Reflectivity at Yb:YAG Harmonic Frequencies
- Guaranteed High Laser Damage Thresholds
- 10-5 Surface Quality for Reduced Scatter in Laser Applications
- [TECHSPEC® Laser Mirror Substrates](#) and [TECHSPEC® Nd:YAG Laser Line Mirrors](#) Also Available

Common Specifications

Physical & Mechanical Properties

Parallelism (arcmin):	<3	Back Surface:	Commercial Polish
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Optical Properties

Surface Quality:	10-5	Reflection at DWL (%):	99.8
Surface Flatness (P-V):	$\lambda/10$	Coating Type:	Dielectric
Substrate:	Fused Silica (Corning 7980)		

Technical Information

Products

Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Dimensions (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
339 - 346	343	6.35	-	4.00	45	#38-842	£106.81 Volume Pricing	4 In Stock
339 - 346	343	12.70	-	6.35	45	#38-843	£118.19 Volume Pricing	1 In Stock
339 - 346	343	19.10	-	6.35	45	#38-844	£128.70 Volume Pricing	10 In Stock
339 - 346	343	25.40	-	6.35	45	#38-845	£139.20 Volume Pricing	9 In Stock
339 - 346	343	38.10	-	6.35	45	#38-847	£164.59 Volume Pricing	1 In Stock
339 - 346	343	50.80	-	9.53	45	#38-849	£251.27 Volume Pricing	8 In Stock
339 - 346	343	-	6.35 x 6.35	3.18	45	#39-593	£112.94 Volume Pricing	7 In Stock
339 - 346	343	-	9.53 x 6.35	3.18	45	#39-594	£118.19 Volume Pricing	12 In Stock
339 - 346	343	-	12.7 x 12.7	6.35	45	#39-596	£122.57 Volume Pricing	13 In Stock
339 - 346	343	-	19.1 x 12.7	6.35	45	#39-597	£128.70 Volume Pricing	3 In Stock
339 - 346	343	-	25.4 x 25.4	6.35	45	#39-598	£143.58 Volume Pricing	5 In Stock
339 - 346	343	-	38.1 x 25.4	6.35	45	#39-599	£147.96 Volume Pricing	2 In Stock
339 - 346	343	6.35	-	4.00	0-45	#38-850	£118.19 Volume Pricing	9 In Stock
339 - 346	343	12.70	-	6.35	0-45	#38-851	£128.70 Volume Pricing	20+ In Stock
339 - 346	343	19.10	-	6.35	0-45	#38-852	£139.20 Volume Pricing	20+ In Stock
339 - 346	343	25.40	-	6.35	0-45	#38-853	£147.96 Volume Pricing	16 In Stock
339 - 346	343	38.10	-	6.35	0-45	#38-855	£173.35 Volume Pricing	8 In Stock
339 - 346	343	50.80	-	9.53	0-45	#38-857	£260.90 Volume Pricing	7 In Stock

339 - 346	343	76.20	-	12.70	0-45	#27-034	£645.24 Volume Pricing	Contact Us
339 - 346	343	-	6.35 x 6.35	3.18	0-45	#39-601	£122.57 Volume Pricing	12 In Stock
339 - 346	343	-	9.53 x 6.35	3.18	0-45	#39-603	£128.70 Volume Pricing	9 In Stock
339 - 346	343	-	12.7 x 12.7	6.35	0-45	#39-604	£133.95 Volume Pricing	14 In Stock
339 - 346	343	-	19.1 x 12.7	6.35	0-45	#39-605	£139.20 Volume Pricing	9 In Stock
339 - 346	343	-	25.4 x 25.4	6.35	0-45	#39-607	£153.21 Volume Pricing	5 In Stock
339 - 346	343	-	38.1 x 25.4	6.35	0-45	#39-610	£159.34 Volume Pricing	Contact Us
509 - 520	515	6.35	-	4.00	45	#38-871	£106.81 Volume Pricing	8 In Stock
509 - 520	515	12.70	-	6.35	45	#38-872	£118.19 Volume Pricing	20+ In Stock
509 - 520	515	19.10	-	6.35	45	#38-873	£128.70 Volume Pricing	20+ In Stock
509 - 520	515	25.40	-	6.35	45	#38-874	£139.20 Volume Pricing	10 In Stock
509 - 520	515	38.10	-	6.35	45	#38-876	£164.59 Volume Pricing	5 In Stock
509 - 520	515	50.80	-	9.53	45	#38-878	£251.27 Volume Pricing	5 In Stock
509 - 520	515	-	6.35 x 6.35	3.18	45	#39-626	£112.94 Volume Pricing	6 In Stock
509 - 520	515	-	9.53 x 6.35	3.18	45	#39-627	£118.19 Volume Pricing	3 In Stock
509 - 520	515	-	12.7 x 12.7	6.35	45	#39-628	£122.57 Volume Pricing	17 In Stock
509 - 520	515	-	19.1 x 12.7	6.35	45	#39-629	£128.70 Volume Pricing	13 In Stock
509 - 520	515	-	25.4 x 25.4	6.35	45	#39-630	£143.58 Volume Pricing	3 In Stock
509 - 520	515	-	38.1 x 25.4	6.35	45	#39-631	£147.96 Volume Pricing	5 In Stock
509 - 520	515	6.35	-	4.00	0-45	#38-879	£118.19 Volume Pricing	20+ In Stock

509 - 520	515	12.70	-	6.35	0-45	#38-880	£128.70 Volume Pricing	7 In Stock
509 - 520	515	19.10	-	6.35	0-45	#38-881	£139.20 Volume Pricing	2 In Stock
509 - 520	515	25.40	-	6.35	0-45	#38-882	£147.96 Volume Pricing	4 In Stock
509 - 520	515	38.10	-	6.35	0-45	#38-884	£173.35 Volume Pricing	Contact Us
509 - 520	515	50.80	-	9.53	0-45	#38-886	£260.90 Volume Pricing	2 In Stock
509 - 520	515	76.20	-	12.70	0-45	#27-035	£645.24 Volume Pricing	2 In Stock
509 - 520	515	-	6.35 x 6.35	3.18	0-45	#39-632	£122.57 Volume Pricing	9 In Stock
509 - 520	515	-	9.53 x 6.35	3.18	0-45	#39-633	£128.70 Volume Pricing	20+ In Stock
509 - 520	515	-	12.7 x 12.7	6.35	0-45	#39-634	£133.95 Volume Pricing	20+ In Stock
509 - 520	515	-	19.1 x 12.7	6.35	0-45	#39-635	£139.20 Volume Pricing	6 In Stock
509 - 520	515	-	25.4 x 25.4	6.35	0-45	#39-636	£153.21 Volume Pricing	10 In Stock
509 - 520	515	-	38.1 x 25.4	6.35	0-45	#39-638	£159.34 Volume Pricing	7 In Stock
1020 - 1040	1030	6.35	-	4.00	45	#11-291	£106.81 Volume Pricing	11 In Stock
1020 - 1040	1030	12.70	-	6.35	45	#11-292	£115.57 Volume Pricing	10 In Stock
1020 - 1040	1030	19.10	-	6.35	45	#11-293	£128.70 Volume Pricing	14 In Stock
1020 - 1040	1030	25.40	-	6.35	45	#11-294	£139.20 Volume Pricing	14 In Stock
1020 - 1040	1030	38.10	-	6.35	45	#11-295	£164.59 Volume Pricing	9 In Stock
1020 - 1040	1030	50.80	-	9.53	45	#11-296	£251.27 Volume Pricing	7 In Stock
1020 - 1040	1030	-	6.35 x 6.35	3.18	45	#11-297	£112.94 Volume Pricing	15 In Stock
1020 - 1040	1030	-	9.53 x 6.35	3.18	45	#11-298	£118.19 Volume Pricing	14 In Stock

1020 - 1040	1030	-	12.7 x 12.7	6.35	45	#11-299	£122.57 Volume Pricing	5 In Stock
1020 - 1040	1030	-	19.1 x 12.7	6.35	45	#11-300	£128.70 Volume Pricing	20+ In Stock
1020 - 1040	1030	-	25.4 x 25.4	6.35	45	#11-301	£143.58 Volume Pricing	20+ In Stock
1020 - 1040	1030	-	38.1 x 25.4	6.35	45	#11-302	£147.96 Volume Pricing	5 In Stock
1020 - 1040	1030	4.00	-	3.00	0-45	#12-628	£101.56 Volume Pricing	11 In Stock
1020 - 1040	1030	6.35	-	4.00	0-45	#11-303	£118.19 Volume Pricing	15 In Stock
1020 - 1040	1030	12.70	-	6.35	0-45	#11-304	£128.70 Volume Pricing	12 In Stock
1020 - 1040	1030	19.10	-	6.35	0-45	#11-305	£139.20 Volume Pricing	20+ In Stock
1020 - 1040	1030	25.40	-	6.35	0-45	#11-306	£147.96 Volume Pricing	20+ In Stock
1020 - 1040	1030	38.10	-	6.35	0-45	#11-307	£173.35 Volume Pricing	3 In Stock
1020 - 1040	1030	50.80	-	9.53	0-45	#11-308	£260.90 Volume Pricing	7 In Stock
1020 - 1040	1030	76.20	-	12.70	0-45	#27-036	£645.24 Volume Pricing	7 In Stock
1020 - 1040	1030	-	6.35 x 6.35	3.18	0-45	#11-309	£122.57 Volume Pricing	20+ In Stock
1020 - 1040	1030	-	9.53 x 6.35	3.18	0-45	#11-310	£128.70 Volume Pricing	2 In Stock
1020 - 1040	1030	-	12.7 x 12.7	6.35	0-45	#11-311	£133.95 Volume Pricing	14 In Stock
1020 - 1040	1030	-	19.1 x 12.7	6.35	0-45	#11-312	£139.20 Volume Pricing	10 In Stock
1020 - 1040	1030	-	25.4 x 25.4	6.35	0-45	#11-313	£153.21 Volume Pricing	20+ In Stock
1020 - 1040	1030	-	38.1 x 25.4	6.35	0-45	#11-314	£159.34 Volume Pricing	8 In Stock



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