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TECHSPEC®

Ultrafast-Enhanced Silver Coated Off-Axis Parabolic (OAP) Mirrors



- Ultrafast-Enhanced Silver Coating for Ti:sapphire and Yb:doped Lasers
- Low Group Delay Dispersion
- <50Å RMS Surface Roughness to Minimize Scatter

Common Specifications

Physical & Mechanical Properties

Surface Roughness (Å):	<50 RMS
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Optical Properties

Focal Length Tolerance (%)	±1
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Coating Type:	Ultrafast-Enhanced Silver
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Off-Set Angle (°):	90
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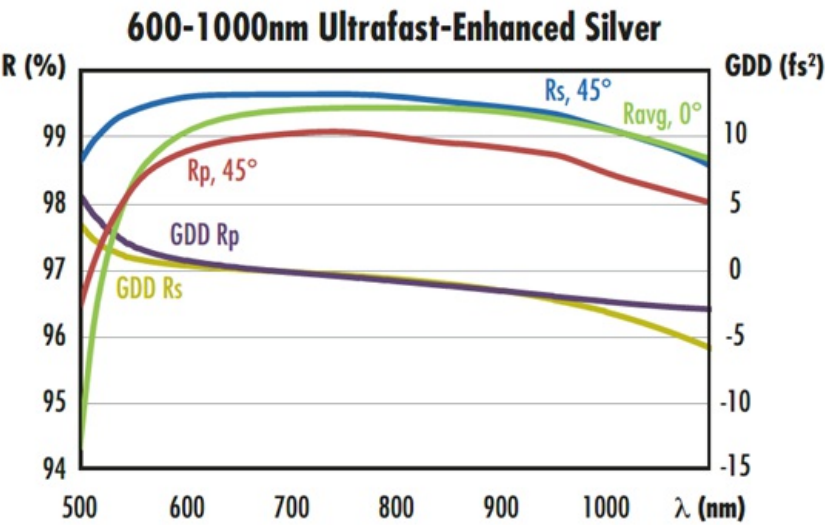
Surface Figure, RMS:	$\lambda/8$
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Surface Quality:	80-50
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Substrate:	Aluminum 6061-T6
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Reflected Wavefront, RMS:	$\lambda/4$
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Technical Information



600-1000nm Ultrafast-Enhanced Silver

Products

Dia. (mm)	EFL (mm)	Radius of Curvature (mm)	Coating	Off- Set Angle (°)	Surface Roughness (Å)	Stock Number	Price	Buy
12.70	12.70	12.70	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-133	£268.60 Volume Pricing	4 In Stock
12.70	25.40	25.40	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-134	£268.60 Volume Pricing	4 In Stock
12.70	203.20	203.20	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-138	£268.60 Volume Pricing	5 In Stock
25.40	25.40	25.40	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-139	£282.26 Volume Pricing	4 In Stock
25.40	50.80	50.80	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-140	£282.26 Volume Pricing	3 In Stock
25.40	203.20	203.20	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-146	£282.26 Volume Pricing	1 In Stock
50.80	50.80	50.80	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-147	£478.02 Volume Pricing	4 In Stock
50.80	190.60	190.60	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-152	£478.02 Volume Pricing	5 In Stock

12.70	12.70	12.70	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-598	£268.60 Volume Pricing	4 In Stock
12.70	25.40	25.40	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-599	£268.60 Volume Pricing	5 In Stock
12.70	203.20	203.20	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-600	£268.60 Volume Pricing	10 In Stock
25.40	25.40	25.40	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-601	£282.26 Volume Pricing	4 In Stock
25.40	50.80	50.80	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-602	£282.26 Volume Pricing	12 In Stock
25.40	203.20	203.20	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-603	£282.26 Volume Pricing	2 In Stock
50.80	50.80	50.80	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-604	£478.02 Volume Pricing	5 In Stock
50.80	190.60	190.60	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-605	£478.02 Volume Pricing	10 In Stock



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