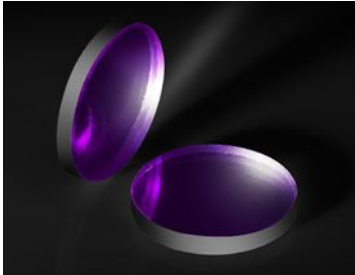


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UV-NIR Polka-Dot Beamsplitters

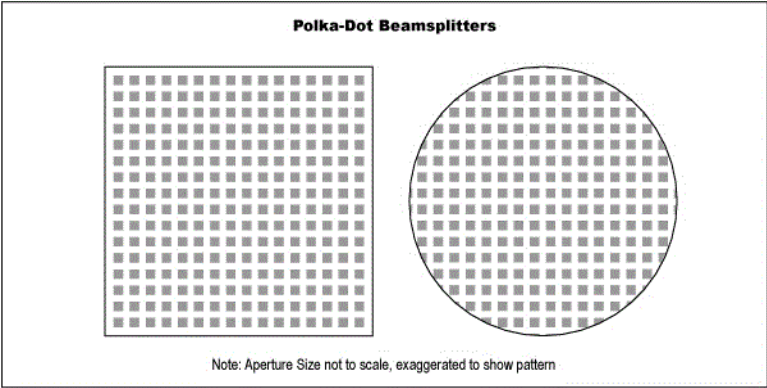


- Various Beamsplitting Ratios Available
- Insensitive to Angle of Incidence Changes
- [VIS-NIR](#) Versions Available

Common Specifications

Physical & Mechanical Properties			
Center to Center Spacing (mm):		0.15	
Clear Aperture (%):		90	
Construction:		Polka-Dot	
Dimensional Tolerance (mm):		+0.0/-0.5	
Thickness (mm):		1.50 ±0.1	
Optical Properties			
Angle of Incidence (°):		0 - 45	
Coating:		Square Aluminum (AlMgF ₂) Apertures	
Minimum Aperture (mm):		2.00	
Reflection/Transmission Tolerance (%):		±5 @ 45°	
Substrate:		Fused Silica (Corning 7980)	
Surface Quality:		80-50	
Wavelength Range (nm):		250 - 2000	
Environmental & Durability Factors			
Operating Temperature (°C):		150 Maximum	

Technical Information



Products

Dia. (mm)	Dimensions (mm)	Substrate	Reflection/Transmission Ratio (R/T)	Wavelength Range (nm)	Thickness (mm)	Stock Number	Price	Buy
12.70	-	Fused Silica	20/80	250 - 2000	1.50	#18-708	\$S\$235.20 Volume Pricing	4 In Stock
12.70	-	Fused Silica	30/70	250 - 2000	1.50	#47-610	\$S\$235.20 Volume Pricing	4 In Stock
12.70	-	Fused Silica	50/50	250 - 2000	1.50	#46-457	\$S\$235.20 Volume Pricing	14 In Stock
12.70	-	Fused Silica	70/30	250 - 2000	1.50	#47-606	\$S\$235.20 Volume Pricing	5 In Stock
12.70	-	Fused Silica	80/20	250 - 2000	1.50	#18-714	\$S\$235.20 Volume Pricing	4 In Stock
-	12.7 x 12.7	Fused Silica	20/80	250 - 2000	1.50	#18-709	\$S\$235.20 Volume Pricing	5 In Stock
-	12.7 x 12.7	Fused Silica	30/70	250 - 2000	1.50	#47-611	\$S\$235.20 Volume Pricing	20+ In Stock
-	12.7 x 12.7	Fused Silica	50/50	250 - 2000	1.50	#47-020	\$S\$235.20 Volume Pricing	20+ In Stock
-	12.7 x 12.7	Fused Silica	70/30	250 - 2000	1.50	#47-607	\$S\$235.20 Volume Pricing	3 In Stock
-	12.7 x 12.7	Fused Silica	80/20	250 - 2000	1.50	#18-715	\$S\$235.20 Volume Pricing	Contact Us
25.40	-	Fused Silica	20/80	250 - 2000	1.50	#18-710	\$S\$305.20 Volume Pricing	3 In Stock
25.40	-	Fused Silica	30/70	250 - 2000	1.50	#47-604	\$S\$305.20 Volume Pricing	4 In Stock
25.40	-	Fused Silica	50/50	250 - 2000	1.50	#46-458	\$S\$305.20 Volume Pricing	11 In Stock
25.40	-	Fused Silica	70/30	250 - 2000	1.50	#47-608	\$S\$305.20 Volume Pricing	5 In Stock
25.40	-	Fused Silica	80/20	250 - 2000	1.50	#18-716	\$S\$305.20 Volume Pricing	10 In Stock
-	25.4 x 25.4	Fused Silica	20/80	250 - 2000	1.50	#18-711	\$S\$305.20 Volume Pricing	5 In Stock
-	25.4 x 25.4	Fused Silica	30/70	250 - 2000	1.50	#47-605	\$S\$305.20 Volume Pricing	6 In Stock
-	25.4 x 25.4	Fused Silica	50/50	250 - 2000	1.50	#46-459	\$S\$305.20 Volume Pricing	8 In Stock
-	25.4 x 25.4	Fused Silica	70/30	250 - 2000	1.50	#47-609	\$S\$305.20 Volume Pricing	5 In Stock
-	25.4 x 25.4	Fused Silica	80/20	250 - 2000	1.50	#18-717	\$S\$305.20 Volume Pricing	6 In Stock
38.00	-	Fused Silica	20/80	250 - 2000	1.50	#18-712	\$S\$509.60 Volume Pricing	4 In Stock

38.00	-	Fused Silica	30/70	250 - 2000	1.50	#48-503	S\$509.60 Volume Pricing	5 In Stock
38.00	-	Fused Silica	50/50	250 - 2000	1.50	#46-460	S\$509.60 Volume Pricing	2 In Stock
38.00	-	Fused Silica	70/30	250 - 2000	1.50	#48-504	S\$509.60 Volume Pricing	5 In Stock
38.00	-	Fused Silica	80/20	250 - 2000	1.50	#18-718	S\$509.60 Volume Pricing	1 In Stock
-	38.0 x 38.0	Fused Silica	20/80	250 - 2000	1.50	#18-713	S\$509.60 Volume Pricing	1 In Stock
-	38.0 x 38.0	Fused Silica	30/70	250 - 2000	1.50	#18-720	S\$509.60 Volume Pricing	5 In Stock
-	38.0 x 38.0	Fused Silica	50/50	250 - 2000	1.50	#46-461	S\$509.60 Volume Pricing	5 In Stock
-	38.0 x 38.0	Fused Silica	70/30	250 - 2000	1.50	#18-721	S\$509.60 Volume Pricing	5 In Stock
-	38.0 x 38.0	Fused Silica	80/20	250 - 2000	1.50	#18-719	S\$509.60 Volume Pricing	10 In Stock
-	50.8 x 50.8	Fused Silica	50/50	250 - 2000	1.50	#48-505	S\$1,141.00 Volume Pricing	2 In Stock



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