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## TECHSPEC® $\lambda/10$ Plate Beamsplitters



- 30 Arcminute Wedge to Minimize Internal Interference
- Wide Range of Splitting Ratios
- Fused Silica Substrate

### Common Specifications

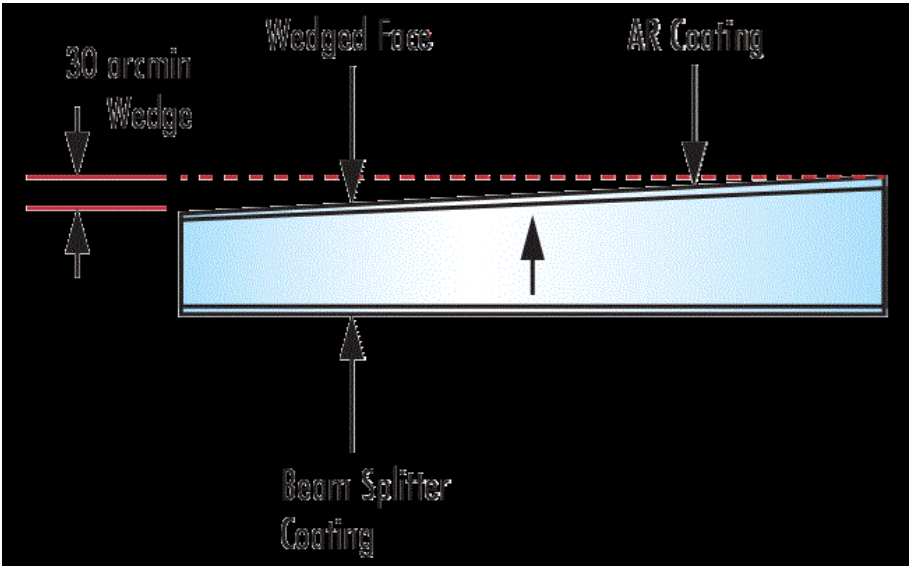
#### Physical & Mechanical Properties

|                              |                            |                                    |                 |
|------------------------------|----------------------------|------------------------------------|-----------------|
| <b>Construction:</b>         | Plate                      | <b>Dimensional Tolerance (mm):</b> | $\pm 0.10$      |
| <b>Edges:</b>                | Protective Bevel as needed | <b>Thickness (mm):</b>             | $3.00 \pm 0.20$ |
| <b>Wedge Angle (arcmin):</b> | 30 arcmin                  |                                    |                 |

#### Optical Properties

|                                |                                             |                         |       |
|--------------------------------|---------------------------------------------|-------------------------|-------|
| <b>Substrate:</b>              | <a href="#">Fused Silica</a> (Corning 7980) |                         |       |
| <b>Surface Flatness (P-V):</b> | $\lambda/10$                                | <b>Surface Quality:</b> | 20-10 |
| <b>Wavelength Range (nm):</b>  | 400 - 700                                   |                         |       |

Technical Information



# Products

| Dia.<br>(mm) | Substrate                    | Reflection/Transmission<br>Ratio (R/T) | Wavelength<br>Range (nm) | Thickness<br>(mm) | Stock<br>Number         | Price                                       | Buy          |
|--------------|------------------------------|----------------------------------------|--------------------------|-------------------|-------------------------|---------------------------------------------|--------------|
| 25.00        | <a href="#">Fused Silica</a> | 30/70                                  | 400 - 700                | 3.00              | <a href="#">#34-412</a> | S\$304.67<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 25.00        | <a href="#">Fused Silica</a> | 50/50                                  | 400 - 700                | 3.00              | <a href="#">#34-413</a> | S\$304.67<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.00        | <a href="#">Fused Silica</a> | 70/30                                  | 400 - 700                | 3.00              | <a href="#">#34-414</a> | S\$304.67<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 50.00        | <a href="#">Fused Silica</a> | 30/70                                  | 400 - 700                | 3.00              | <a href="#">#34-415</a> | S\$422.66<br><a href="#">Volume Pricing</a> | Contact Us   |
| 50.00        | <a href="#">Fused Silica</a> | 50/50                                  | 400 - 700                | 3.00              | <a href="#">#34-416</a> | S\$422.66<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 50.00        | <a href="#">Fused Silica</a> | 70/30                                  | 400 - 700                | 3.00              | <a href="#">#34-417</a> | S\$422.66<br><a href="#">Volume Pricing</a> | 20+ In Stock |



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