

# Potassium Bromide (KBr)

|                            |                          |
|----------------------------|--------------------------|
| Diameter tolerance         | +0,-0.005" (+0,-0.13 mm) |
| Center Thickness tolerance | ±0.008" (±0.2 mm)        |
| Design Wavelength          | 10.6 microns             |
| Focal Length Tolerance     | ±2%                      |
| Surface Quality            | 60/40                    |
| Clear Aperture             | 90% Central Diameter     |
| Wedge Angle                | < 3 arc min              |
| Surface Irregularity       | 1/20 λ at 10.6 microns   |

| CAT #        | DIA, in | DIA, mm | FOC, mm | CT, mm | R, mm  | ET, mm |
|--------------|---------|---------|---------|--------|--------|--------|
| KB-BX-12-12  | 0.5     | 12.7    | 12.7    | 5.1    | 12.060 | 1.5    |
| KB-BX-12-25  | 0.5     | 12.7    | 25.4    | 3.1    | 26.120 | 1.5    |
| KB-BX-12-50  | 0.5     | 12.7    | 50.8    | 2.3    | 52.970 | 1.5    |
| KB-BX-12-76  | 0.5     | 12.7    | 76.2    | 2.0    | 79.800 | 1.5    |
| KB-BX-25-25  | 1.0     | 25.4    | 25.4    | 8.9    | 25.030 | 2.0    |
| KB-BX-25-50  | 1.0     | 25.4    | 50.8    | 5.2    | 52.480 | 2.0    |
| KB-BX-25-63  | 1.0     | 25.4    | 63.5    | 4.5    | 66.070 | 2.0    |
| KB-BX-25-76  | 1.0     | 25.4    | 76.2    | 4.0    | 79.070 | 2.0    |
| KB-BX-25-100 | 1.0     | 25.4    | 100.0   | 3.5    | 104.47 | 2.0    |
| KB-BX-38-38  | 1.5     | 38.1    | 38.1    | 12.8   | 37.690 | 2.5    |
| KB-BX-38-50  | 1.5     | 38.1    | 50.8    | 9.8    | 51.640 | 2.5    |
| KB-BX-38-63  | 1.5     | 38.1    | 63.5    | 8.2    | 65.310 | 2.5    |
| KB-BX-38-76  | 1.5     | 38.1    | 76.2    | 7.2    | 78.890 | 2.5    |
| KB-BX-38-100 | 1.5     | 38.1    | 100     | 6.0    | 103.99 | 2.5    |
| KB-BX-38-150 | 1.5     | 38.1    | 150     | 4.8    | 156.68 | 2.5    |
| KB-BX-50-50  | 2.0     | 50.8    | 50.8    | 16.8   | 50.230 | 3.0    |
| KB-BX-50-76  | 2.0     | 50.8    | 76.2    | 11.5   | 77.980 | 3.0    |
| KB-BX-50-100 | 2.0     | 50.8    | 100     | 9.3    | 103.51 | 3.0    |
| KB-BX-50-150 | 2.0     | 50.8    | 150     | 7.2    | 156.38 | 3.0    |
| KB-BX-50-200 | 2.0     | 50.8    | 200     | 6.1    | 208.90 | 3.0    |
| KB-BX-50-250 | 2.0     | 50.8    | 250     | 5.5    | 261.80 | 3.0    |
| KB-BX-50-500 | 2.0     | 50.8    | 500     | 4.2    | 521.20 | 3.0    |
| KB-BX-76-150 | 3.0     | 76.2    | 150     | 13.0   | 155.24 | 3.5    |
| KB-BX-76-200 | 3.0     | 76.2    | 200     | 10.0   | 108.00 | 3.5    |
| KB-BX-76-250 | 3.0     | 76.2    | 250     | 9.1    | 260.60 | 3.5    |
| KB-BX-76-500 | 3.0     | 76.2    | 500     | 6.3    | 521.20 | 3.5    |

Custom sizes and specifications are available