



Electro Optical Components, Inc.

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Wide Bandpass Filters

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V 1801

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|---------------|--------|-----------|---------|
| IWBP1300~2100 | / | / | 2265 | / | 1300~2170 | ≥90 | Φ25.3×0.5 | Si | 2600~4800 | <1 |
| IWBP1520~1850 | 1520 | 50 | 1850 | 50 | 1600~1750 | ≥80 | Φ30×1.0 | Si | 400~10000 | <1 |
| | 1520 | 50 | 1850 | 50 | 1600~1750 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP1550~1750 | 1550 | 50 | 1750 | 50 | 1600~1700 | ≥80 | Φ36×1.2 | Si | 1500~2800 | <1 |
| | 1550 | 50 | 1750 | 50 | 1600~1700 | ≥80 | Φ25×0.5 | Si | 1500~2800 | <1 |
| | 1550 | 50 | 1750 | 50 | 1600~1700 | ≥80 | Φ30×1.0 | Si | 1500~2800 | <1 |
| | 1550 | 50 | 1750 | 50 | 1600~1700 | ≥80 | Φ20×1.0 | Si | 1500~2800 | <1 |
| | 1550 | 50 | 1750 | 50 | 1600~1700 | ≥80 | 29.5×1.36×1.2 | Si | 1500~2800 | <1 |
| IWBP1550~5050 | 1550 | 50 | 5050 | 50 | 1600~5000 | ≥80 | 29.5×6.03×1.2 | Si | 1500~5580 | <1 |
| IWBP1650~2350 | 1650 | 50 | 2350 | 50 | 1700~2250 | ≥80 | Φ100×0.5 | Si | 400~4000 | <10 |
| | 1650 | 50 | 2350 | 50 | 1700~2250 | ≥80 | Φ5×0.5 | Si | 400~4000 | <10 |
| | 1650 | 50 | 2350 | 50 | 1700~2250 | ≥80 | Φ25×0.5 | Si | 400~4000 | <10 |
| IWBP1900~2250 | 1900 | 50 | 2250 | 50 | 2000~2150 | ≥65 | Φ25×0.5 | Si | 1500~5000 | <1 |
| | 1900 | 50 | 2250 | 50 | 2000~2150 | ≥65 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2000~2400 | 2000 | 50 | 2400 | 50 | 2080~2330 | ≥75 | Φ7.46×0.7 | Quartz | 400~6500 | <1 |
| | 2000 | 50 | 2400 | 50 | 2080~2330 | ≥75 | Φ30×1.0 | Quartz | 400~6500 | <1 |
| | 2000 | 50 | 2400 | 50 | 2100~2350 | ≥75 | 4.2×4.2×0.5 | Si | 1500~5000 | <1 |
| | 2000 | 50 | 2400 | 50 | 2100~2350 | ≥75 | 12.2×8.7×0.5 | Si | 1500~5000 | <1 |
| | 2000 | 50 | 2400 | 50 | 2100~2350 | ≥75 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2050~2350 | 2050 | 50 | 2350 | 50 | 2150~2250 | ≥80 | Φ36×1.2 | Si | 1500~2800 | <1 |
| | 2050 | 50 | 2350 | 50 | 2150~2250 | ≥80 | Φ25×0.5 | Si | 1500~2800 | <1 |
| | 2050 | 50 | 2350 | 50 | 2150~2250 | ≥80 | Φ30×1.0 | Si | 1500~2800 | <1 |
| | 2050 | 50 | 2350 | 50 | 2150~2250 | ≥80 | Φ20×1.0 | Si | 1500~2800 | <1 |
| IWBP2050~2500 | 2050 | 50 | 2500 | 50 | 2150~2450 | ≥80 | Φ25×0.5 | Si | 1500~5000 | <1 |
| | 2050 | 50 | 2500 | 50 | 2150~2450 | ≥80 | Φ25×0.5 | Si | 1500~5000 | <1 |
| | 2050 | 50 | 2500 | 50 | 2150~2450 | ≥80 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2080~2350 | 2080 | 50 | 2350 | 50 | 2135~2330 | ≥80 | 29.5×1.36×1.2 | Si | 1500~2800 | <1 |
| IWBP2080~2430 | 2080 | 50 | 2430 | 50 | 2180~2330 | ≥80 | Φ25×0.5 | Si | 1500~2800 | <1 |
| | 2080 | 50 | 2430 | 50 | 2180~2330 | ≥80 | Φ30×1.0 | Si | 1500~2800 | <1 |
| | 2080 | 50 | 2430 | 50 | 2180~2330 | ≥80 | Φ20×1.0 | Si | 1500~2800 | <1 |
| IWBP2250~3810 | 2250 | 50 | 3810 | 50 | 2340~3670 | ≥80 | Φ25×0.5 | Si | 1500~5000 | <1 |
| | 2250 | 50 | 3810 | 50 | 2340~3670 | ≥80 | Φ25.3×0.5 | Si | 1500~5000 | <1 |
| | 2250 | 50 | 3810 | 50 | 2340~3670 | ≥93 | Φ25×0.5 | Si | 1500~5000 | <1 |
| IWBP2300~3600 | 2200 | 50 | 3750 | 50 | 2300~3600 | ≥85 | Φ25×0.5 | Si | 1500~5000 | <1 |
| | 2200 | 50 | 3750 | 50 | 2300~3600 | ≥85 | Φ25.3×0.5 | Si | 1500~5000 | <1 |
| | 2200 | 50 | 3750 | 50 | 2300~3600 | ≥85 | 4×4×0.5 | Si | 1500~5000 | <1 |
| IWBP2300~3700 | 2250 | 50 | 3770 | 50 | 2300~3700 | ≥90 | Φ50.8×1.0 | Si | 1500~5000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|-----------|----------|-----------|---------|
| IWBP2450~4550 | 2450 | 50 | 4550 | 50 | 2550~4500 | ≥90 | Φ12.4×0.3 | Ge | 400~7000 | <1 |
| | 2450 | 50 | 4550 | 50 | 2550~4500 | ≥90 | Φ18×0.7 | Ge | 400~7000 | <1 |
| IWBP2450~4600 | 2450 | 50 | 4600 | 50 | 2550~4500 | ≥90 | Φ12.4×0.3 | Ge | 400~7000 | <1 |
| | 2450 | 50 | 4600 | 50 | 2550~4500 | ≥90 | Φ18×0.7 | Ge | 400~7000 | <1 |
| IWBP2500~4600 | 2500 | 50 | 4600 | 50 | 2600~4500 | ≥85 | Φ18×0.7 | Ge | 400~7000 | <1 |
| IWBP2500~4700 | 2500 | 50 | 4700 | 50 | 2600~4500 | ≥90 | Φ12.4×0.3 | Ge | 400~7000 | <1 |
| | 2500 | 50 | 4700 | 50 | 2600~4500 | ≥90 | Φ18×0.7 | Ge | 400~7000 | <1 |
| IWBP2450~3100 | 2450 | 50 | 3100 | 50 | 2600~3000 | ≥90 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2550~3100 | 2550 | 50 | 3100 | 50 | 2650~3000 | ≥90 | Φ100×0.5 | Si | 1500~5000 | <1 |
| | 2550 | 50 | 3100 | 50 | 2650~3000 | ≥90 | Φ100×0.5 | Si | 1500~5000 | <1 |
| | 2550 | 50 | 3100 | 50 | 2600~3000 | ≥85 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2550~3150 | 2550 | 50 | 3150 | 50 | 2700~3100 | ≥85 | Φ100×0.5 | Si | 1500~5000 | <1 |
| IWBP2450~3200 | 2450 | 50 | 3200 | 50 | 2500~3140 | ≥90 | Φ24×2.5 | Ge | 1500~7000 | <1 |
| IWBP2600~3200 | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥85 | Φ16×1.0 | Ge | 1500~5000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥90 | Φ16×1.0 | Ge | 1500~5000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥93 | Φ16×1.0 | Ge | 1500~5000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥90 | Φ25.3×1.0 | Ge | 1500~5000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥90 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2700~3100 | ≥85 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 2600 | 50 | 3200 | 50 | 2800~3100 | ≥75 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| IWBP2600~3250 | 2600 | 50 | 3250 | 50 | 2700~3200 | ≥90 | Φ16×1.0 | Ge | 1500~5000 | <1 |
| | 2600 | 50 | 3250 | 50 | 2700~3100 | ≥90 | Φ18×0.3 | Ge | 1500~6500 | <1 |
| IWBP2700~3150 | 2700 | 50 | 3150 | 50 | 2800~3050 | ≥80 | Φ16×1.0 | Ge | 1500~5000 | <1 |
| | 2700 | 50 | 3150 | 50 | 2800~3050 | ≥75 | Φ25.3×1.0 | Ge | 1500~5000 | <1 |
| IWBP2730~3010 | 2730 | 50 | 3010 | 50 | 2800~2900 | ≥85 | Φ25.3×1.0 | Ge | 1500~5000 | <1 |
| IWBP2720~2980 | 2720 | 50 | 2980 | 50 | 2780~2920 | ≥80 | Φ25.4×1.0 | Ge | 1500~5000 | <1 |
| | 2720 | 50 | 2980 | 50 | 2780~2920 | ≥80 | Φ18×1.0 | Ge | 1500~5000 | <1 |
| IWBP2790~3070 | 2790 | 50 | 3070 | 50 | 2900~3000 | ≥80 | Φ25.4×1.0 | Ge | 1500~5000 | <1 |
| | 2790 | 50 | 3070 | 50 | 2900~3000 | ≥80 | Φ18×0.9 | Ge | 1500~5000 | <1 |
| IWBP2800~3350 | 2800 | 50 | 3350 | 50 | 3000~3200 | ≥85 | Φ25.3×1.0 | Ge | 1500~5000 | <1 |
| IWBP2700~2950 | 2700 | 50 | 2950 | 50 | 2750~2900 | ≥85 | Φ25×0.5 | Si | 1500~6500 | <1 |
| | 2700 | 50 | 2950 | 50 | 2750~2900 | ≥85 | Φ25×0.5 | Si | 1500~6500 | <1 |
| | 2700 | 50 | 2950 | 50 | 2750~2900 | ≥75 | Φ100×0.5 | Si | 1500~6500 | <1 |
| | 2700 | 50 | 2950 | 50 | 2750~2900 | ≥85 | Φ100×0.5 | Si | 1500~6500 | <1 |
| IWBP2750~2950 | 2750 | 50 | 2950 | 50 | 2800~2900 | ≥85 | Φ25×0.5 | Si | 1500~6500 | <1 |
| | 2750 | 50 | 2950 | 50 | 2800~2900 | ≥85 | Φ100×0.5 | Si | 1500~6500 | <1 |
| | 2750 | 50 | 2950 | 50 | 2800~2900 | ≥90 | Φ100×0.5 | Si | 1500~6500 | <1 |
| IWBP2700-3550 | 2700 | 50 | 3550 | 50 | 2800~3450 | ≥90 | Φ25.4×1.0 | Sapphire | 300~30000 | <1 |
| | 2700 | 50 | 3550 | 50 | 2800~3450 | ≥90 | Φ15×1.0 | Sapphire | 300~30000 | <1 |
| IWBP2700-3600 | 2700 | 50 | 3600 | 50 | 2800~3500 | ≥90 | Φ25.4×1.0 | Sapphire | 300~30000 | <1 |
| | 2700 | 50 | 3600 | 50 | 2800~3500 | ≥90 | Φ15×1.0 | Sapphire | 300~30000 | <1 |
| IWBP2800~3050 | 2800 | 50 | 3050 | 50 | 2900~3000 | ≥90 | Φ100×0.5 | Si | 1500~6500 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|-----|-------------|-----|-----------|---------|-------------|----------|------------|---------|
| IWBP3000~3500 | / | / | / | / | 3050~3400 | ≥80 | Φ30×0.5 | 石英片 | 300~6500 | <1 |
| | / | / | / | / | 3170~3500 | ≥80 | Φ30×0.5 | 石英片 | 300~6500 | <1 |
| | / | / | / | / | 3170~3500 | ≥80 | Φ30×0.5 | 石英片 | 300~6500 | <1 |
| | / | / | / | / | 3170~3500 | ≥80 | 5.2×5.2×0.5 | 石英片 | 300~6500 | <1 |
| | 3000 | 50 | 3420 | 50 | 3050~3400 | ≥80 | Φ30×0.5 | 石英片 | 300~6500 | <1 |
| | 3000 | 50 | 3500 | 50 | 3230~3530 | ≥80 | Φ30×0.5 | 石英片 | 300~6500 | <1 |
| IWBP3000~3800 | 3000 | 100 | 3800 | 100 | 3200~3600 | ≥80 | Φ25×0.5 | Sapphire | 400~14000 | <1 |
| IWBP3000~5000 | 3000 | 50 | 5000 | 50 | 3100~4900 | ≥85 | Φ10×1.0 | Si | 1500~11000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3100~4900 | ≥85 | Φ11.3×0.5 | Si | 1500~11000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3100~4900 | ≥85 | Φ16.7×0.5 | Si | 1500~11000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3100~4900 | ≥85 | Φ20×1.0 | Si | 1500~11000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3150~4850 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3150~4850 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3150~4850 | ≥85 | Φ18×0.7 | Ge | 1500~10000 | <1 |
| | 2900 | 50 | 5100 | 50 | 3000~5000 | ≥90 | Φ10×1.0 | Si | 1500~11000 | <1 |
| IWBP3000~5000 | 3000 | 50 | 5000 | 50 | 3150~4850 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 3000 | 50 | 5000 | 50 | 3160~4860 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3000~5100 | 3000 | 50 | 5100 | 50 | 3150~4950 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 3000 | 50 | 5100 | 50 | 3150~4950 | ≥92 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3000 | 50 | 5100 | 50 | 3150~4950 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3000 | 50 | 5100 | 50 | 3150~4950 | ≥85 | Φ18×0.7 | Ge | 1500~10000 | <1 |
| IWBP3050~5000 | 3050 | 50 | 5000 | 50 | 3200~4850 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3050~5150 | 3050 | 50 | 5150 | 50 | 3200~5000 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3100~4200 | 3100 | 50 | 4200 | 50 | 3250~4050 | ≥75 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 3100 | 50 | 4200 | 50 | 3250~4050 | ≥85 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 3100 | 50 | 4200 | 50 | 3250~4050 | ≥85 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP3150~4100 | 3150 | 50 | 4100 | 50 | 3250~4000 | ≥80 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 3150 | 50 | 4100 | 50 | 3250~4000 | ≥80 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3150~4100 | 3150 | 50 | 4100 | 50 | 3300~4000 | ≥85 | Φ100×0.5 | Si | 400~11000 | <1 |
| IWBP3150~5150 | 3150 | 50 | 5150 | 50 | 3300~5000 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3180~3420 | 3180 | 50 | 3420 | 50 | 3200~3400 | ≥80 | Φ100×0.5 | Si | 400~7000 | <1 |
| IWBP3230~3500 | 3230 | 50 | 3500 | 50 | 3250~3480 | ≥80 | Φ100×0.5 | Si | 400~7000 | <1 |
| IWBP3200~4100 | 3200 | 50 | 4100 | 50 | 3300~4000 | ≥85 | Φ100×0.5 | Si | 400~11000 | <1 |
| | 3200 | 50 | 4100 | 50 | 3300~4000 | ≥85 | Φ24.6×0.5 | Si | 400~11000 | <1 |
| IWBP3300~4950 | 3300 | 50 | 4950 | 50 | 3500~4750 | ≥88 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3300 | 50 | 4950 | 50 | 3500~4750 | ≥88 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3300~5000 | 3300 | 50 | 5000 | 50 | 3500~4750 | ≥88 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3350~4750 | 3350 | 50 | 4750 | 50 | 3450~4650 | ≥90 | Φ100×0.5 | Si | 1500~8000 | <1 |
| IWBP3350~4850 | 3350 | 50 | 4850 | 50 | 3400~4600 | ≥80 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3350~4500 | 3350 | 50 | 4500 | 50 | 3500~4350 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3400~4650 | 3400 | 50 | 4650 | 50 | 3463~3556 | ≥88 | Φ14.4×0.3 | Ge | 1500~7000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|-----------|----------|------------|---------|
| IWBP3450~4700 | 3450 | 50 | 4700 | 50 | 3550~4520 | ≥85 | Φ17.5×0.3 | Ge | 1500~7000 | <1 |
| | 3450 | 50 | 4700 | 50 | 3550~4520 | ≥85 | Φ14.4×0.3 | Ge | 1500~7000 | <1 |
| | 3450 | 50 | 4700 | 50 | 3550~4520 | ≥92 | Φ14.4×0.3 | Ge | 1500~7000 | <1 |
| | 3450 | 50 | 4700 | 50 | 3556~4530 | ≥92 | Φ17.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3450~4800 | 3450 | 50 | 4800 | 50 | 3500~4705 | ≥90 | Φ17.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3400~4300 | 3400 | 50 | 4300 | 50 | 3500~4200 | ≥80 | Φ57×2.5 | Sapphire | 1500~7000 | <1 |
| | 3400 | 50 | 4300 | 50 | 3500~4200 | ≥80 | Φ25.4×1.0 | Sapphire | 1500~7000 | <1 |
| IWBP3400~4650 | 3400 | 50 | 4650 | 50 | 3500~4500 | ≥90 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 3400 | 50 | 4650 | 50 | 3500~4500 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3400~4800 | 3400 | 50 | 4800 | 50 | 3500~4700 | ≥90 | Φ100×0.5 | Si | 1500~8000 | <1 |
| IWBP3400~4850 | 3400 | 50 | 4850 | 50 | 3400~4500 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3400~4950 | 3400 | 50 | 4950 | 50 | 3700~4700 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3400~4900 | 3400 | 50 | 4900 | 50 | 3600~4800 | ≥85 | Φ100×0.5 | Si | 1500~10600 | <1 |
| | 3400 | 50 | 4900 | 50 | 3470~4830 | ≥90 | Φ100×0.5 | Si | 1500~8000 | <1 |
| IWBP3400~5000 | 3400 | 50 | 5000 | 50 | 3500~4900 | ≥90 | Φ100×0.5 | Si | 1500~10600 | <1 |
| IWBP3400~5100 | 3400 | 50 | 5100 | 50 | 3600~5000 | ≥90 | Φ100×0.5 | Si | 1500~10600 | <1 |
| IWBP3420~3910 | 3420 | 50 | 3910 | 50 | 3500~3830 | ≥80 | Φ30×1.0 | Si | 400~10000 | <1 |
| | 3420 | 50 | 3910 | 50 | 3500~3830 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP3450~4000 | 3450 | 50 | 4000 | 50 | 3500~3900 | ≥85 | Φ25×0.5 | Si | 1500~6000 | <1 |
| | 3450 | 50 | 4000 | 50 | 3500~3900 | ≥85 | Φ25×0.5 | Si | 1500~6000 | <1 |
| | 3450 | 50 | 4000 | 50 | 3500~3900 | ≥85 | Φ100×0.5 | Si | 1500~6000 | <1 |
| | 3450 | 50 | 4000 | 50 | 3500~3900 | ≥90 | Φ100×0.5 | Si | 1500~6000 | <1 |
| IWBP3450~4850 | 3450 | 50 | 4850 | 50 | 3600~4700 | ≥90 | Φ25.3×0.5 | Si | 1500~10000 | <1 |
| | 3450 | 50 | 4850 | 50 | 3550~4750 | ≥85 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP3450~4900 | 3450 | 50 | 4900 | 50 | 3550~4800 | ≥85 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP3480~4880 | 3480 | 50 | 4880 | 50 | 3700~4800 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP3490~3850 | 3490 | 50 | 3850 | 50 | 3550~3750 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| | 3490 | 50 | 3850 | 50 | 3550~3750 | ≥80 | Φ30×1.0 | Si | 400~10000 | <1 |
| | 3490 | 50 | 3850 | 50 | 3550~3750 | ≥80 | Φ20×1.0 | Si | 400~10000 | <1 |
| IWBP3490~3950 | 3490 | 50 | 3950 | 50 | 3650~3800 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| | 3490 | 50 | 3950 | 50 | 3650~3800 | ≥80 | Φ30×1.0 | Si | 400~10000 | <1 |
| | 3490 | 50 | 3950 | 50 | 3650~3800 | ≥80 | Φ20×1.0 | Si | 400~10000 | <1 |
| IWBP3490~4050 | 3490 | 50 | 4050 | 50 | 3650~3950 | ≥80 | Φ30×1.0 | Si | 400~10000 | <1 |
| IWBP3500~3900 | 3500 | 50 | 3900 | 50 | 3600~3800 | ≥80 | Φ36×1.2 | Si | 400~5500 | <1 |
| | 3500 | 50 | 3900 | 50 | 3600~3800 | ≥80 | Φ30×1.0 | Si | 400~5500 | <1 |
| | 3500 | 50 | 3900 | 50 | 3600~3800 | ≥80 | Φ25×0.5 | Si | 400~5500 | <1 |
| | 3500 | 50 | 3900 | 50 | 3600~3800 | ≥80 | Φ20×1.0 | Si | 400~5500 | <1 |
| IWBP3500~4850 | 3500 | 50 | 4850 | 50 | 3700~4650 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 3500 | 50 | 4850 | 50 | 3700~4700 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3500~4900 | 3500 | 50 | 4900 | 50 | 3600~4800 | ≥70 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP3500~4940 | 3500 | 50 | 4940 | 50 | 3600~4800 | ≥90 | Φ25.3×0.5 | Si | 1500~10000 | <1 |
| | 3500 | 50 | 4940 | 70 | 3600~4800 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3500~5000 | 3500 | 50 | 5000 | 50 | 3600~4800 | ≥92 | Φ100×0.5 | Si | 1500~10600 | <1 |
| | 3500 | 50 | 5000 | 50 | 3700~4800 | ≥90 | Φ100×0.5 | Si | 1500~10600 | <1 |
| | 3500 | 50 | 5000 | 50 | 3600~4900 | ≥85 | Φ25×0.5 | Si | 1500~10600 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|---------------|-----|------------|---------|
| IWBP3500~4100 | 3500 | 50 | 4100 | 50 | 3600~4000 | ≥90 | Φ25×0.5 | Si | 1500~6000 | <1 |
| | 3500 | 50 | 4100 | 50 | 3600~4000 | ≥90 | Φ100×0.5 | Si | 1500~6000 | <1 |
| | 3500 | 50 | 4100 | 50 | 3650~3950 | ≥90 | Φ18×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 4100 | 50 | 3650~3950 | ≥92 | Φ18×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 4100 | 50 | 3650~3950 | ≥92 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3500~4150 | 3500 | 50 | 4150 | 50 | 3600~4050 | ≥90 | Φ18×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 4150 | 50 | 3650~3950 | ≥90 | Φ25.3×0.5 | Si | 1500~10000 | <1 |
| IWBP3530~3950 | 3530 | 50 | 3950 | 50 | 3610~3870 | ≥75 | Φ36×1.2 | Si | 400~5580 | <1 |
| | 3530 | 50 | 3950 | 50 | 3610~3870 | ≥75 | Φ25×0.5 | Si | 400~5580 | <1 |
| IWBP3550~4100 | 3550 | 50 | 4100 | 50 | 3650~4000 | ≥93 | Φ100×0.5 | Si | 1500~6000 | <1 |
| IWBP3550~4750 | 3550 | 50 | 4750 | 50 | 3650~4650 | ≥90 | Φ100×0.5 | Si | 1500~7000 | <1 |
| IWBP3550~4850 | 3550 | 50 | 4850 | 50 | 3650~4800 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3550~4900 | 3550 | 50 | 4900 | 50 | 3750~4900 | ≥92 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 3550 | 50 | 4900 | 50 | 3650~4800 | ≥92 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP3550~4990 | 3550 | 50 | 4990 | 50 | 3690~4900 | ≥85 | Φ25×0.5 | Si | 2000~11000 | <1 |
| IWBP3500~5300 | 3500 | 50 | 5300 | 50 | 3600~5200 | ≥85 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| | 3500 | 50 | 5300 | 50 | 3600~5100 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| IWBP3500~5400 | 3500 | 50 | 5400 | 50 | 3700~5200 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 5400 | 50 | 3700~5000 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| IWBP3500~5500 | 3500 | 50 | 5500 | 50 | 3700~5300 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 5500 | 50 | 3800~5300 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 5500 | 50 | 3800~5100 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3500 | 50 | 5500 | 50 | 3700~5100 | ≥90 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3500~5600 | 3500 | 50 | 5600 | 50 | 3600~5500 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| IWBP3550~4990 | 3550 | 50 | 4990 | 50 | 3700~4800 | ≥80 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP3500~3900 | 3500 | 50 | 3900 | 50 | 3560~3830 | ≥80 | 29.5×1.36×1.2 | Si | 400~5500 | <1 |
| IWBP3600~4000 | 3600 | 50 | 4000 | 50 | 3680~3900 | ≥75 | Φ36×1.2 | Si | 400~5580 | <1 |
| | 3600 | 50 | 4000 | 50 | 3680~3900 | ≥75 | Φ25×0.5 | Si | 400~5580 | <1 |
| IWBP3600~4200 | 3600 | 50 | 4200 | 50 | 3750~4050 | ≥75 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 3600 | 50 | 4200 | 50 | 3800~4050 | ≥75 | Φ19.6×0.8 | Si | 1500~11000 | <1 |
| | 3600 | 50 | 4200 | 50 | 3800~4050 | ≥90 | Φ19.6×0.8 | Si | 1500~11000 | <1 |
| | 3600 | 50 | 4200 | 50 | 3800~4100 | ≥80 | Φ25×0.5 | Si | 1500~11000 | <1 |
| | 3600 | 50 | 4200 | 50 | 3700~4100 | ≥90 | Φ25×0.5 | Si | 1500~11000 | <1 |
| IWBP3600~4300 | 3600 | 50 | 4300 | 50 | 3700~4200 | ≥85 | Φ100×0.5 | Si | 1500~6000 | <1 |
| IWBP3650~4270 | 3650 | 50 | 4270 | 50 | 3700~4150 | ≥85 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 4270 | 50 | 3700~4150 | ≥85 | Φ25.4×0.5 | Si | 1500~7000 | <1 |
| IWBP3550~4950 | 3550 | 50 | 4950 | 50 | 3700~4800 | ≥90 | Φ25.3×0.5 | Si | 1500~10000 | <1 |
| | 3550 | 50 | 4950 | 50 | 3700~4800 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3600~4950 | 3600 | 50 | 4950 | 50 | 3800~4700 | ≥90 | Φ25.3×0.5 | Si | 1500~10000 | <1 |
| | 3600 | 50 | 4950 | 50 | 3800~4800 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP3600~4850 | 3600 | 50 | 4850 | 50 | 3700~4700 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3600 | 50 | 4850 | 50 | 3700~4700 | ≥90 | Φ18×1.0 | Ge | 1500~7000 | <1 |
| IWBP3600~4900 | 3600 | 50 | 4900 | 50 | 3700~4800 | ≥85 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|-----|-------------|-----|-----------|---------|-----------|----------|------------|---------|
| IWBP3600~5500 | 3600 | 50 | 5500 | 50 | 3750~5300 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5500 | 50 | 3750~5300 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5500 | 50 | 3800~5100 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5500 | 50 | 3800~5300 | ≥80 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5500 | 50 | 3750~5300 | ≥90 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3600~5550 | 3600 | 50 | 5550 | 50 | 3700~5400 | ≥90 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3600~5600 | 3600 | 50 | 5600 | 50 | 3750~5450 | ≥80 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5600 | 50 | 3750~5450 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5600 | 50 | 3750~5450 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5600 | 50 | 3750~5450 | ≥90 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5600 | 50 | 3850~5000 | ≥85 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5600 | 50 | 3750~5450 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP3600~5700 | 3600 | 50 | 5700 | 50 | 3750~5500 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5700 | 50 | 3750~5500 | ≥85 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| | 3600 | 50 | 5700 | 50 | 3750~5500 | ≥80 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3650~4900 | 3650 | 50 | 4900 | 50 | 3700~4800 | ≥85 | Φ8×0.5 | Sapphire | 1500~11000 | <1 |
| IWBP3600~4800 | 3600 | 100 | 4800 | 100 | 3800~4600 | ≥85 | Φ7×0.3 | Sapphire | 1500~11000 | <1 |
| | 3600 | 100 | 4800 | 100 | 3800~4600 | ≥85 | Φ25×0.5 | Sapphire | 1500~11000 | <1 |
| | 3600 | 100 | 4800 | 100 | 3800~4600 | ≥85 | Φ5.5×0.26 | Sapphire | 1500~11000 | <1 |
| IWBP3600~4950 | 3600 | 100 | 4950 | 100 | 3800~4600 | ≥85 | Φ25×0.5 | Sapphire | 1500~14000 | <1 |
| IWBP3650~4950 | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥85 | Φ25.3×0.5 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥90 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥92 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ18×0.75 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥90 | Φ18×1.0 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥85 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3800~4800 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| IWBP3650~5000 | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ24.6×0.5 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ15×1.0 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ25.3×1.0 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥90 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥92 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5000 | 50 | 3750~4900 | ≥92 | Φ25.3×1.0 | Ge | 1500~7000 | <1 |
| IWBP3650~5100 | 3650 | 50 | 5100 | 50 | 3740~5000 | ≥93 | Φ18×0.3 | Ge | 1500~7000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|-----|-------------|-----|-----------|---------|-----------|-----|------------|---------|
| IWBP3650~5550 | 3650 | 50 | 5550 | 50 | 3750~5300 | ≥85 | Φ25.3×0.5 | Si | 1500~7000 | <1 |
| IWBP3650~5600 | 3650 | 50 | 5600 | 50 | 3750~5400 | ≥90 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3650~5650 | 3650 | 50 | 5650 | 50 | 3750~5400 | ≥92 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| | 3650 | 50 | 5650 | 50 | 3750~5450 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3650~5750 | 3650 | 50 | 5750 | 50 | 3750~5450 | ≥90 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3700~4500 | 3650 | 50 | 4600 | 50 | 3700~4500 | ≥90 | Φ10×1.0 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 4600 | 50 | 3700~4500 | ≥90 | Φ11.3×0.5 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 4600 | 50 | 3700~4500 | ≥90 | Φ20×1.0 | Si | 1500~7000 | <1 |
| | 3650 | 50 | 4600 | 50 | 3700~4500 | ≥90 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP3700~4550 | 3700 | 50 | 4550 | 50 | 3800~4450 | ≥90 | Φ11.3×0.5 | Si | 1500~7000 | <1 |
| IWBP3700~4800 | 3700 | 100 | 4800 | 100 | 3900~4600 | ≥90 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| | 3700 | 100 | 4800 | 100 | 3900~4600 | ≥90 | Φ18×1.0 | Ge | 1500~7000 | <1 |
| | 3700 | 100 | 4800 | 100 | 3900~4600 | ≥90 | Φ25.4×0.5 | Ge | 1500~7000 | <1 |
| | 3700 | 100 | 4800 | 100 | 3900~4600 | ≥90 | Φ25.4×1.0 | Ge | 1500~7000 | <1 |
| | 3700 | 100 | 4800 | 100 | 3900~4600 | ≥90 | Φ30×3.0 | Ge | 1500~7000 | <1 |
| IWBP3700~4950 | 3700 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 3700 | 50 | 4950 | 50 | 3750~4850 | ≥85 | Φ18×0.75 | Ge | 1500~7000 | <1 |
| | 3700 | 50 | 4950 | 50 | 3750~4850 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3700~5000 | 3700 | 50 | 5000 | 50 | 3800~4850 | ≥92 | Φ18×1.0 | Ge | 1500~7000 | <1 |
| | 3700 | 50 | 5000 | 50 | 3800~4850 | ≥92 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| IWBP3700~5150 | 3700 | 50 | 5150 | 50 | 3750~4900 | ≥92 | Φ18×0.3 | Ge | 1500~7000 | <1 |
| IWBP3700~5600 | 3700 | 50 | 5600 | 50 | 3850~5450 | ≥85 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| IWBP3700~5700 | 3700 | 50 | 5700 | 50 | 3850~5550 | ≥90 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | 3700 | 50 | 5700 | 50 | 3850~5600 | ≥80 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| | 3700 | 50 | 5700 | 50 | 3850~5400 | ≥85 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3700~5750 | 3700 | 50 | 5750 | 50 | 3850~5500 | ≥90 | Φ14.5×0.3 | Ge | 1500~7000 | <1 |
| IWBP3700~5800 | 3700 | 50 | 5800 | 50 | 3850~5600 | ≥90 | Φ18×1.0 | Ge | 1500~7000 | <1 |
| | 3700 | 50 | 5800 | 50 | 3850~5600 | ≥90 | Φ25.4×1.0 | Ge | 1500~7000 | <1 |
| IWBP3700~5850 | 3700 | 50 | 5850 | 50 | 4000~5600 | ≥85 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3750~4500 | 3750 | 50 | 4500 | 50 | 3850~4400 | ≥85 | Φ100×0.5 | Si | 1500~7000 | <1 |
| IWBP3750~5000 | 3750 | 50 | 5000 | 50 | 3900~4800 | ≥90 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 3750 | 50 | 5000 | 50 | 3900~4800 | ≥90 | Φ18×0.75 | Ge | 1500~7000 | <1 |
| IWBP3750~5650 | 3750 | 50 | 5650 | 50 | 4000~5300 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3750~5750 | 3750 | 50 | 5750 | 50 | 3800~5500 | ≥90 | Φ25.3×1.0 | Ge | 1500~7000 | <1 |
| | 3750 | 50 | 5750 | 50 | 4000~5300 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP3750~5850 | 3750 | 50 | 5850 | 50 | 4000~5600 | ≥88 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| | 3750 | 50 | 5850 | 50 | 4000~5600 | ≥85 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP3750~5700 | 3750 | 50 | 5700 | 50 | 4000~5500 | ≥85 | Φ25.3×0.5 | Si | 1500~7000 | <1 |
| IWBP3750~5800 | 3750 | 50 | 5800 | 50 | 3800~5600 | ≥80 | Φ25.3×0.5 | Si | 1500~7000 | <1 |
| | 3750 | 50 | 5800 | 50 | 3800~5600 | ≥80 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP3800~4900 | 3700 | 50 | 5030 | 50 | 3800~4900 | ≥92 | Φ25×0.5 | Si | 1800~7000 | <1 |
| | 3710 | 50 | 5030 | 50 | 3820~4950 | ≥92 | Φ25×0.5 | Si | 1800~7000 | <1 |
| | 3710 | 50 | 5030 | 50 | 3800~4900 | ≥92 | Φ25×0.5 | Si | 1800~7000 | <1 |
| | 3710 | 50 | 5030 | 50 | 3800~4900 | ≥90 | Φ16×1.0 | Si | 1800~7000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|-----|-------------|-----|-----------|---------|-------------|----------|------------|---------|
| IWBP3750~5050 | 3760 | 50 | 5030 | 50 | 3900~4900 | ≥92 | Φ25×0.5 | Si | 1800~7000 | <1 |
| IWBP3900~5650 | 3900 | 100 | 5650 | 100 | 4100~5400 | ≥80 | Φ25×0.5 | Sapphire | 400~14000 | <1 |
| IWBP4000~4600 | 4000 | 50 | 4600 | 50 | 4120~4480 | ≥80 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 4000 | 50 | 4600 | 50 | 4120~4480 | ≥85 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP4000~4650 | 4000 | 50 | 4650 | 50 | 4120~4480 | ≥85 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP4010~4770 | 4010 | 50 | 4770 | 50 | 4300~4400 | ≥85 | Φ41.5×3.0 | Si | 400~11000 | <1 |
| | 4010 | 50 | 4770 | 50 | 4300~4400 | ≥85 | Φ35×3.0 | Si | 400~11000 | <1 |
| | 4010 | 50 | 4770 | 50 | 4300~4400 | ≥85 | Φ25×0.5 | Si | 400~11000 | <1 |
| | 4010 | 50 | 4770 | 50 | 4300~4400 | ≥85 | Φ100×0.5 | Si | 400~11000 | <1 |
| | 4010 | 50 | 4770 | 50 | 4300~4400 | ≥85 | Φ18×0.7 | Si | 400~11000 | <1 |
| IWBP4050~4650 | 4050 | 50 | 4650 | 50 | 4120~4480 | ≥80 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 4050 | 50 | 4650 | 50 | 4120~4480 | ≥85 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 4050 | 50 | 4650 | 50 | 4120~4480 | ≥85 | Φ25.3×0.5 | Si | 1500~11000 | <1 |
| | 4050 | 50 | 4650 | 50 | 4250~4550 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP4050~4650 | 4050 | 50 | 4650 | 50 | 4250~4550 | ≥85 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| IWBP4100~4650 | 4100 | 50 | 4650 | 50 | 4200~4550 | ≥80 | Φ18×0.9 | Ge | 1500~7000 | <1 |
| IWBP4100~4650 | 4100 | 50 | 4650 | 50 | 4200~4600 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP4140~4370 | 4140 | 50 | 4370 | 50 | 4200~4300 | ≥75 | Φ100×0.5 | Si | 1500~7000 | <1 |
| IWBP4140~4440 | 4140 | 50 | 4440 | 50 | 4200~4400 | ≥80 | Φ100×0.5 | Si | 1500~7000 | <1 |
| IWBP4120~4360 | 4120 | 50 | 4360 | 50 | 4220~4320 | ≥85 | Φ100×1.0 | Si | 300~6500 | <1 |
| IWBP4150~4700 | 4150 | 50 | 4700 | 50 | 4300~4600 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP4150~4700 | 4150 | 50 | 4700 | 50 | 4300~4600 | ≥85 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| | 4150 | 50 | 4700 | 50 | 4300~4600 | ≥75 | Φ18×0.9 | Ge | 1500~11000 | <1 |
| | 4150 | 50 | 4700 | 50 | 4300~4600 | ≥85 | Φ18×0.9 | Ge | 1500~11000 | <1 |
| | 4150 | 50 | 4700 | 50 | 4300~4600 | ≥90 | Φ18×0.9 | Ge | 1500~11000 | <1 |
| IWBP4150~6350 | 4150 | 50 | 6350 | 50 | 4200~6000 | ≥85 | Φ25.3×0.5 | Si | 1500~7000 | <1 |
| IWBP4200~4450 | 4200 | 50 | 4450 | 50 | 4250~4400 | ≥85 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 4200 | 50 | 4450 | 50 | 4250~4400 | ≥92 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 4200 | 50 | 4450 | 50 | 4250~4400 | ≥85 | 4.2×4.2×0.5 | Si | 1500~7000 | <1 |
| | 4200 | 50 | 4450 | 50 | 4250~4400 | ≥85 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| | 4200 | 50 | 4450 | 50 | 4250~4400 | ≥90 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP4200~4750 | 4200 | 50 | 4750 | 50 | 4250~4650 | ≥80 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| IWBP4200~4800 | 4200 | 50 | 4800 | 50 | 4300~4700 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 4200 | 50 | 4800 | 50 | 4300~4700 | ≥75 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| | 4200 | 50 | 4800 | 50 | 4300~4700 | ≥85 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| | 4200 | 50 | 4800 | 50 | 4300~4700 | ≥90 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| IWBP4230~4520 | 4230 | 50 | 4520 | 50 | 4350~4450 | ≥80 | Φ25.4×1.0 | Ge | 1500~5000 | <1 |
| | 4230 | 50 | 4520 | 50 | 4350~4450 | ≥80 | Φ18×0.9 | Ge | 1500~5000 | <1 |
| IWBP4240~4520 | 4240 | 50 | 4520 | 50 | 4300~4450 | ≥80 | Φ25.4×1.0 | Ge | 1500~5000 | <1 |
| IWBP4250~4800 | 4250 | 50 | 4800 | 50 | 4350~4700 | ≥80 | Φ12.4×0.3 | Ge | 1500~7000 | <1 |
| | 4250 | 50 | 4800 | 50 | 4350~4700 | ≥80 | Φ18×0.9 | Ge | 1500~7000 | <1 |
| IWBP4250~4850 | 4250 | 50 | 4850 | 50 | 4350~4700 | ≥85 | Φ12.4×0.3 | Ge | 1500~11000 | <1 |
| | 4250 | 50 | 4850 | 50 | 4350~4700 | ≥85 | Φ18×0.9 | Ge | 1500~11000 | <1 |
| IWBP4250~4850 | 4250 | 50 | 4850 | 50 | 4350~4750 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|-------------|-----|------------|---------|
| IWBP4212~4457 | 4212 | 50 | 4457 | 50 | 4260~4400 | ≥80 | Φ7.467×0.95 | Si | 300~6500 | <1 |
| | 4212 | 50 | 4457 | 50 | 4260~4400 | ≥80 | Φ100×1.0 | Si | 300~6500 | <1 |
| IWBP4250~5100 | 4250 | 50 | 5100 | 50 | 4400~5000 | ≥90 | Φ100×0.5 | Si | 1500~6800 | <1 |
| IWBP4250~4450 | 4250 | 50 | 4450 | 50 | 4300~4400 | ≥88 | Φ18×0.7 | Ge | 1500~7000 | <1 |
| IWBP4250~4450 | 4250 | 50 | 4450 | 50 | 4300~4400 | ≥70 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 4250 | 50 | 4450 | 50 | 4300~4400 | ≥85 | Φ100×0.5 | Si | 1500~7000 | <1 |
| | 4250 | 50 | 4450 | 50 | 4300~4400 | ≥90 | Φ24.6×0.5 | Si | 1500~7000 | <1 |
| | 4250 | 50 | 4450 | 50 | 4300~4400 | ≥90 | Φ25×0.5 | Si | 1500~7000 | <1 |
| IWBP4250~5300 | 4250 | 50 | 5300 | 50 | 4400~5000 | ≥85 | Φ25×0.5 | Si | 1500~10000 | <1 |
| IWBP4290~4580 | 4290 | 50 | 4580 | 50 | 4400~4500 | ≥80 | Φ25.4×1.0 | Ge | 1500~5000 | <1 |
| | 4290 | 50 | 4580 | 50 | 4400~4500 | ≥80 | Φ18×0.9 | Ge | 1500~5000 | <1 |
| IWBP4300~4900 | 4300 | 50 | 4900 | 50 | 4400~4800 | ≥80 | Φ18×0.9 | Ge | 1500~7000 | <1 |
| IWBP4300~4500 | 4300 | 50 | 4500 | 50 | 4350~4450 | ≥90 | Φ100×0.5 | Si | 1500~7000 | <1 |
| IWBP4350~5000 | 4350 | 50 | 5000 | 50 | 4500~4900 | ≥90 | Φ100×0.5 | Si | 1500~6800 | <1 |
| IWBP4350~5200 | 4350 | 50 | 5200 | 50 | 4500~5100 | ≥90 | Φ100×0.5 | Si | 1500~6800 | <1 |
| IWBP4400~4700 | 4400 | 50 | 4700 | 50 | 4570~4600 | ≥80 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP4450~4750 | 4450 | 50 | 4750 | 50 | 4570~4620 | ≥80 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP4450~4750 | 4450 | 50 | 4750 | 50 | 4570~4620 | ≥70 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP4450~5350 | 4450 | 50 | 5350 | 50 | 4600~5200 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 4450 | 50 | 5350 | 50 | 4600~5200 | ≥90 | Φ25×0.5 | Si | 1500~6800 | <1 |
| IWBP4500~4900 | 4500 | 50 | 4900 | 50 | 4600~4800 | ≥85 | Φ19.6×0.8 | Si | 1500~11000 | <1 |
| IWBP4600~4900 | 4600 | 50 | 4900 | 50 | 4700~4800 | ≥80 | Φ12.4×0.3 | Ge | 400~10000 | <1 |
| IWBP4650~4750 | / | / | 4850 | 50 | 4650~4750 | ≥75 | Φ12.4×0.3 | Ge | 400~10000 | <1 |
| IWBP4650~4950 | 4650 | 50 | 4950 | 50 | 4700~4800 | ≥80 | Φ12.4×0.3 | Ge | 400~10000 | <1 |
| | 4650 | 50 | 4950 | 50 | 4700~4800 | ≥75 | Φ8.4×0.4 | Ge | 400~10000 | <1 |
| IWBP4650~4980 | 4650 | 50 | 4980 | 50 | 4700~4800 | ≥80 | Φ15×1.0 | Ge | 400~10000 | <1 |
| IWBP4650~5300 | 4650 | 50 | 5300 | 50 | 4800~5200 | ≥80 | Φ100×0.5 | Si | 1500~10000 | <1 |
| | 4650 | 50 | 5300 | 50 | 4800~5200 | ≥80 | Φ25×0.5 | Si | 1500~10000 | <1 |
| | 4650 | 50 | 5300 | 50 | 4800~5200 | ≥80 | 3.5×17×0.5 | Si | 1500~10000 | <1 |
| IWBP4650~5350 | 4650 | 50 | 5350 | 50 | 4800~5300 | ≥85 | Φ100×0.5 | Si | 1500~10000 | <1 |
| IWBP4700~4800 | / | / | / | / | 4700~4800 | ≥80 | Φ12.4×0.3 | Ge | 1500~10000 | <1 |
| | / | / | / | / | 4700~4800 | ≥80 | Φ18×1.0 | Ge | 1500~10000 | <1 |
| | / | / | 4900 | 50 | 4700~4800 | ≥75 | Φ12.4×0.3 | Ge | 400~10000 | <1 |
| IWBP4800~4900 | / | / | 5000 | 50 | 4800~4900 | ≥75 | Φ12.4×0.3 | Ge | 400~10000 | <1 |
| IWBP4800~5000 | 4800 | 50 | 5000 | 50 | 4850~4950 | ≥80 | Φ36×1.2 | Si | 400~5500 | <1 |
| | 4800 | 50 | 5000 | 50 | 4850~4950 | ≥80 | Φ25×0.5 | Si | 400~5500 | <1 |
| IWBP4800~5100 | 4800 | 50 | 5100 | 50 | 4850~5050 | ≥80 | Φ30×1.0 | Si | 400~5500 | <1 |
| | 4800 | 50 | 5100 | 50 | 4850~5050 | ≥80 | Φ25×0.5 | Si | 400~5500 | <1 |
| IWBP4900~5100 | 4900 | 50 | 5100 | 50 | 4950~5050 | ≥80 | Φ20×1.0 | Si | 400~5500 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|---------------|------------|----|-------------|----|-----------|---------|-------------|-----|------------|---------|
| IWBP4930~5130 | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥80 | Φ36×1.2 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥65 | Φ36×1.2 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥75 | Φ30×1.0 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥60 | Φ30×1.0 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥80 | Φ20×1.0 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥60 | Φ20×1.0 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥75 | Φ25×0.5 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥60 | Φ25×0.5 | Si | 400~5500 | <1 |
| | 4930 | 50 | 5130 | 50 | 4970~5080 | ≥80 | Φ25×0.5 | Si | 400~5500 | <1 |
| IWBP4800~5200 | 4800 | 50 | 5200 | 50 | 4880~5100 | ≥80 | Φ24.6×0.5 | Si | 400~11000 | <1 |
| | 4800 | 50 | 5200 | 50 | 4880~5100 | ≥80 | Φ25.3×0.5 | Si | 400~11000 | <1 |
| | 4800 | 50 | 5200 | 50 | 4900~5120 | ≥80 | Φ100×0.5 | Si | 400~11000 | <1 |
| | 4870 | 50 | 5270 | 50 | 4900~5120 | ≥80 | Φ100×0.5 | Si | 400~11000 | <1 |
| | 4800 | 50 | 5200 | 50 | 4900~5120 | ≥85 | 3.4×3.4×0.5 | Si | 400~11000 | <1 |
| | 4800 | 50 | 5200 | 50 | 4900~5120 | ≥70 | 3.5×17×0.5 | Si | 400~11000 | <1 |
| IWBP4920~5800 | 4920 | 50 | 5800 | 50 | 5100~5600 | ≥85 | Φ25×0.5 | Si | 400~10000 | <1 |
| IWBP5000~5800 | 5000 | 50 | 5800 | 50 | 5100~5600 | ≥80 | Φ25.4×1.0 | Ge | 400~10000 | <1 |
| IWBP5010~5880 | 5010 | 50 | 5880 | 50 | 5110~5780 | ≥80 | Φ25.4×1.0 | Ge | 400~10000 | <1 |
| IWBP5100~5850 | 5100 | 50 | 5850 | 50 | 5300~5700 | ≥75 | Φ25.4×1.0 | Ge | 400~10000 | <1 |
| | 5100 | 50 | 5850 | 50 | 5300~5700 | ≥75 | Φ18×0.9 | Ge | 400~10000 | <1 |
| IWBP4550~4750 | / | / | / | / | 4470~4740 | ≥80 | Φ12.4×0.3 | Ge | 1500~6500 | <1 |
| IWBP5350~7600 | 5350 | 60 | 7600 | 60 | 5600~7400 | ≥90 | Φ25.3×1.0 | Ge | 1500~10600 | <1 |
| IWBP5400~7400 | 5400 | 60 | 7400 | 60 | 5500~7300 | ≥90 | Φ17×1.5 | Ge | 1500~10000 | <1 |
| IWBP5450~7400 | 5450 | 60 | 7400 | 60 | 5650~7200 | ≥90 | Φ25.4×0.5 | Ge | 1500~10600 | <1 |
| IWBP5450~7450 | 5450 | 60 | 7450 | 60 | 5700~7300 | ≥90 | 17×15×1.5 | Ge | 1500~10000 | <1 |
| IWBP5450~7500 | 5450 | 60 | 7500 | 60 | 5650~7200 | ≥90 | Φ25.4×0.5 | Ge | 1500~10600 | <1 |
| | 5450 | 60 | 7500 | 60 | 5550~7400 | ≥90 | Φ17×1.5 | Ge | 1500~10000 | <1 |
| IWBP5450~7550 | 5450 | 60 | 7550 | 60 | 5600~7400 | ≥90 | 17×15×1.5 | Ge | 1500~10000 | <1 |
| | 5450 | 60 | 7550 | 60 | 5600~7400 | ≥80 | Φ18×0.9 | Ge | 1500~10000 | <1 |
| IWBP5450~7600 | 5450 | 60 | 7600 | 60 | 5600~7400 | ≥90 | 17×15×1.5 | Ge | 1500~10000 | <1 |
| IWBP5550~7650 | 5550 | 60 | 7650 | 60 | 5700~7450 | ≥90 | Φ17×1.5 | Ge | 1500~10000 | <1 |
| IWBP5550~7700 | 5550 | 60 | 7700 | 60 | 5700~7500 | ≥85 | 17×15×1.5 | Ge | 1500~10000 | <1 |
| IWBP5500~7700 | 5500 | 60 | 7700 | 60 | 5700~7500 | ≥95 | Φ26×2.5 | Ge | 1500~10600 | <1 |
| IWBP5195±20 | / | / | / | / | 4940~5400 | ≥90 | Φ20×1.0 | Si | 1500~11000 | <1 |
| IWBP5230±20 | / | / | / | / | 4980~5450 | ≥90 | Φ20×1.0 | Si | 1500~11000 | <1 |
| IWBP5300±53 | / | / | / | / | 4970~5450 | ≥85 | Φ20×1.0 | Si | 1500~11000 | <1 |
| IWBP5360±10 | / | / | / | / | 5070~5520 | ≥88 | Φ20×1.0 | Si | 1500~11000 | <1 |
| IWBP5410±10 | / | / | / | / | 5070~5520 | ≥88 | Φ20×1.0 | Si | 1500~11000 | <1 |
| IWBP5480~6600 | 5480 | 60 | 6600 | 60 | 5570~6460 | ≥75 | Φ100×0.5 | Si | 1500~11000 | <1 |
| IWBP5510~6700 | 5510 | 60 | 6700 | 60 | 5700~6500 | ≥75 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 5510 | 60 | 6700 | 60 | 5700~6500 | ≥75 | Φ101.6×0.5 | Si | 1500~11000 | <1 |
| | 5510 | 60 | 6700 | 60 | 5700~6500 | ≥75 | 4×4×0.5 | Si | 1500~11000 | <1 |
| | 5510 | 60 | 6700 | 60 | 5700~6500 | ≥75 | Φ25.3×0.5 | Si | 1500~11000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|----------------|------------|-----|-------------|-----|------------|---------|-------------|-----|------------|---------|
| IWBP5600~6800 | 5600 | 60 | 6800 | 60 | 5700~6680 | ≥75 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 5600 | 60 | 6800 | 60 | 5700~6680 | ≥75 | 4×4×0.5 | Si | 1500~11000 | <1 |
| IWBP5690~6830 | 5690 | 60 | 6830 | 60 | 5830~6700 | ≥75 | Φ100×0.5 | Si | 1500~11000 | <1 |
| | 5690 | 60 | 6830 | 60 | 5830~6700 | ≥75 | Φ25.3×0.5 | Si | 1500~11000 | <1 |
| | 5690 | 60 | 6830 | 60 | 5830~6700 | ≥75 | 4×4×0.5 | Si | 1500~11000 | <1 |
| | 5690 | 60 | 6830 | 60 | 5860~6700 | ≥75 | Φ101.6×0.5 | Si | 1500~11000 | <1 |
| IWBP6220~7530 | 6220 | 60 | 7530 | 60 | 6450~7450 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <3 |
| IWBP6300~7600 | 6300 | 60 | 7600 | 60 | 6450~7450 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <3 |
| IWBP6450~7750 | 6450 | 60 | 7750 | 60 | 6650~7550 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <3 |
| IWBP6500~8400 | / | / | / | / | 6500~8400 | ≥85 | Φ18×0.3 | Ge | 1500~11000 | <1 |
| | / | / | / | / | 6500~8400 | ≥85 | 15.5×9×0.3 | Ge | 1500~11000 | <1 |
| IWBP6650~8750 | 6650 | 60 | 8750 | 60 | 6800~8500 | ≥75 | Φ16×0.3 | Ge | 1500~11000 | <3 |
| IWBP6700~8100 | / | / | / | / | 6700~8100 | ≥85 | Φ8.4×0.4 | Ge | 1500~11000 | <3 |
| | / | / | / | / | 6700~8100 | ≥85 | Φ18×0.3 | Ge | 1500~11000 | <3 |
| IWBP6700~8300 | / | / | / | / | 6700~8300 | ≥85 | Φ30×2.7 | Ge | 1500~11000 | <3 |
| | / | / | / | / | 6700~8300 | ≥85 | Φ15×1.0 | Ge | 1500~11000 | <3 |
| IWBP7200~8400 | / | / | / | / | 7200~8400 | ≥80 | Φ30×2.7 | Ge | 1500~11000 | <3 |
| IWBP7200~9400 | 7200 | 100 | 9400 | 100 | 7300~9100 | ≥90 | Φ12.4×0.3 | Ge | 6400~13000 | <1 |
| IWBP7300~13400 | 7300 | 100 | 13400 | 100 | 8000~13200 | ≥80 | Φ18×1.0 | Ge | 2000~19000 | <1 |
| IWBP7400~9500 | 7400 | 100 | 9500 | 100 | 7500~9400 | ≥90 | Φ18×0.6 | Ge | 1500~13000 | <1 |
| IWBP7450~9650 | 7450 | 100 | 9650 | 100 | 7700~9400 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7450 | 100 | 9650 | 100 | 7700~9400 | ≥85 | Φ18×0.6 | Ge | 1500~12000 | <1 |
| IWBP7450~9700 | 7450 | 100 | 9700 | 100 | 7550~9600 | ≥90 | Φ25.4×1.0 | Ge | 1500~13000 | <1 |
| IWBP7500~9400 | 7500 | 100 | 9400 | 100 | 8000~9000 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7500~9650 | 7500 | 100 | 9650 | 100 | 7700~9400 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7500 | 100 | 9650 | 100 | 7400~9400 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| IWBP7500~10100 | 7500 | 100 | 10100 | 100 | 7600~9850 | ≥90 | Φ12.4×0.3 | Ge | 1500~13000 | <1 |
| IWBP7550~9450 | 7550 | 100 | 9450 | 100 | 8000~9000 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7550~9550 | 7550 | 100 | 9550 | 100 | 8000~9300 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7530~9770 | 7530 | 100 | 9770 | 100 | 7900~9600 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7530 | 100 | 9770 | 100 | 7900~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7550~9800 | 7550 | 100 | 9800 | 100 | 7700~9550 | ≥90 | Φ18×0.3 | Ge | 1500~12000 | <1 |
| | 7550 | 100 | 9800 | 100 | 7700~9550 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| IWBP7550~13700 | 7550 | 100 | 13700 | 100 | 7750~13400 | ≥85 | Φ18×0.7 | Ge | 2000~19000 | <1 |
| | 7550 | 100 | 13700 | 100 | 7750~13400 | ≥85 | Φ25.3×1.0 | Ge | 2000~19000 | <1 |
| | 7550 | 100 | 13700 | 100 | 7750~13400 | ≥85 | 23.5×25×1.0 | Ge | 2000~19000 | <1 |
| IWBP7550~13900 | 7550 | 200 | 13900 | 400 | 7750~13400 | ≥80 | Φ18×1.0 | Ge | 2000~19000 | <1 |
| | 7550 | 200 | 13900 | 400 | 7750~13400 | ≥80 | Φ18×1.0 | Ge | 2000~19000 | <1 |
| | 7550 | 200 | 13900 | 400 | 7750~13400 | ≥80 | Φ18×0.9 | Ge | 2000~19000 | <1 |
| | 7550 | 200 | 13900 | 400 | 7750~13400 | ≥80 | Φ18×0.7 | Ge | 2000~19000 | <1 |
| IWBP7550~13900 | 7550 | 100 | 13900 | 100 | 7750~13400 | ≥85 | Φ25.3×1.0 | Ge | 2000~19000 | <1 |
| | 7550 | 100 | 13900 | 100 | 7750~13400 | ≥85 | 23.5×25×1.0 | Ge | 2000~19000 | <1 |
| IWBP7600~9700 | 7600 | 100 | 9700 | 100 | 8000~9500 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9400 | 7600 | 100 | 9400 | 100 | 8000~9000 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|----------------|------------|-----|-------------|-----|------------|---------|-------------|-----|------------|---------|
| IWBP7600~9500 | 7600 | 100 | 9500 | 100 | 8000~9200 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9600 | 7600 | 100 | 9600 | 100 | 7800~9300 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9730 | 7600 | 100 | 9730 | 100 | 7800~9500 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9800 | 7600 | 100 | 9800 | 100 | 7800~9500 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7600 | 100 | 9800 | 100 | 7800~9500 | ≥85 | Φ25.4×1.0 | Ge | 1500~13000 | <1 |
| | 7600 | 100 | 9800 | 100 | 7800~9500 | ≥85 | Φ18×0.6 | Ge | 1500~13000 | <1 |
| IWBP7600~9820 | 7600 | 100 | 9820 | 100 | 7700~9700 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7600 | 100 | 9820 | 100 | 7700~9700 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9900 | 7600 | 100 | 9900 | 100 | 7700~9800 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7600 | 100 | 9900 | 100 | 7700~9800 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~9950 | 7600 | 100 | 9950 | 100 | 7900~9600 | ≥85 | Φ18×0.6 | Ge | 6400~13000 | <1 |
| IWBP7650~9550 | 7650 | 100 | 9550 | 100 | 8000~9400 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~10200 | 7600 | 100 | 10200 | 100 | 7850~10100 | ≥85 | Φ25×3.0 | Ge | 2000~19000 | <1 |
| IWBP7600~10200 | 7600 | 100 | 10200 | 100 | 7700~9900 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7600~10200 | 7600 | 100 | 10200 | 100 | 7700~9900 | ≥90 | Φ25.4×1.0 | Ge | 1500~12000 | <1 |
| IWBP7650~9600 | 7650 | 100 | 9600 | 100 | 8300~9400 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7650~9870 | 7650 | 100 | 9870 | 100 | 8000~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7650~13900 | 7650 | 100 | 13900 | 100 | 7800~13400 | ≥85 | Φ18×0.7 | Ge | 2000~19000 | <1 |
| | 7650 | 100 | 13900 | 100 | 7800~13400 | ≥85 | Φ25.3×1.0 | Ge | 2000~19000 | <1 |
| | 7650 | 100 | 13900 | 100 | 7800~13400 | ≥85 | 23.5×25×1.0 | Ge | 2000~19000 | <1 |
| IWBP7650~14100 | 7650 | 100 | 14100 | 100 | 7750~13400 | ≥85 | Φ18×0.7 | Ge | 2000~19000 | <1 |
| IWBP7650~9950 | 7650 | 100 | 9950 | 100 | 7700~9700 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7650 | 100 | 9950 | 100 | 7700~9700 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| | 7650 | 100 | 9950 | 100 | 7750~9750 | ≥90 | Φ25.3×1.0 | Ge | 1500~13000 | <1 |
| IWBP7650~10000 | 7650 | 100 | 10000 | 100 | 7850~9750 | ≥85 | Φ18×0.3 | Ge | 1500~12000 | <1 |
| | 7650 | 100 | 10000 | 100 | 7850~9750 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| | 7650 | 100 | 10000 | 100 | 7850~9750 | ≥85 | Φ24×2.5 | Ge | 1500~12000 | <1 |
| IWBP7700~9400 | 7700 | 100 | 9400 | 100 | 7850~9200 | ≥90 | Φ18×0.3 | Ge | 1500~12000 | <1 |
| IWBP7700~9500 | 7700 | 100 | 9500 | 100 | 7900~9300 | ≥90 | Φ18×0.3 | Ge | 1500~12000 | <1 |
| IWBP7700~10300 | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | Φ30×4.5 | Ge | 1500~13000 | <1 |
| | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | 45×43.5×4.5 | Ge | 1500~13000 | <1 |
| | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | Φ18×0.9 | Ge | 1500~13000 | <1 |
| | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | Φ12.4×0.3 | Ge | 1500~13000 | <1 |
| | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | Φ25.4×1.0 | Ge | 1500~13000 | <1 |
| | 7700 | 100 | 10300 | 100 | 7850-10150 | ≥90 | Φ18×0.6 | Ge | 1500~13000 | <1 |
| IWBP7700~13500 | 7700 | 200 | 13500 | 500 | 7900~13000 | ≥85 | 23.5×25×1.0 | Ge | 2000~19000 | <1 |
| IWBP7700~9650 | 7700 | 100 | 9650 | 100 | 8000~9400 | ≥85 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7700~9900 | 7700 | 100 | 9900 | 100 | 8000~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7700~9980 | 7700 | 100 | 9980 | 100 | 8000~9700 | ≥90 | Φ18×0.9 | Ge | 1500~12000 | <1 |
| IWBP7730~9950 | 7730 | 100 | 9950 | 100 | 8100~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7750~9600 | 7750 | 100 | 9600 | 100 | 8100~9300 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7750~9650 | 7750 | 100 | 9650 | 100 | 8300~9200 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7750~9700 | 7750 | 100 | 9700 | 100 | 8100~9500 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7750~10000 | 7750 | 100 | 10000 | 100 | 8100~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|----------------|------------|-----|-------------|-----|------------|---------|-----------|-----|------------|---------|
| IWBP7750~10100 | 7750 | 100 | 10100 | 100 | 7700~10000 | ≥85 | Φ12.4×0.3 | Ge | 1500~13000 | <1 |
| | 7750 | 100 | 10100 | 100 | 7700~10000 | ≥85 | Φ18×0.6 | Ge | 1500~13000 | <1 |
| IWBP7750~10050 | 7750 | 100 | 10050 | 100 | 7800~9900 | ≥90 | Φ25.3×1.0 | Ge | 1500~12000 | <1 |
| | 7750 | 100 | 10050 | 100 | 7700~10000 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7750~10400 | 7750 | 100 | 10400 | 100 | 7900~10200 | ≥90 | Φ25.4×1.0 | Ge | 1500~13000 | <1 |
| IWBP7800~9650 | 7800 | 100 | 9650 | 100 | 8200~9300 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7800 | 100 | 9650 | 100 | 8200~9300 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| IWBP7800~9700 | 7800 | 100 | 9700 | 100 | 8100~9500 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7800~10050 | 7800 | 100 | 10050 | 100 | 8100~9700 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7800~10100 | 7800 | 100 | 10100 | 100 | 8000~10000 | ≥85 | Φ24×2.5 | Ge | 1500~12000 | <1 |
| | 7800 | 100 | 10100 | 100 | 7900~10000 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7800~10300 | 7800 | 100 | 10300 | 100 | 8000-10150 | ≥85 | Φ30×4.5 | Ge | 1500~13000 | <1 |
| | 7800 | 100 | 10300 | 100 | 7850-10150 | ≥85 | Φ18×0.9 | Ge | 1500~13000 | <1 |
| IWBP7800~14200 | 7800 | 100 | 14200 | 100 | 8300~13500 | ≥85 | Φ18×0.7 | Ge | 1500~19000 | <1 |
| IWBP7850~9700 | 7850 | 100 | 9700 | 100 | 8300~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| | 7850 | 100 | 9700 | 100 | 8300~9600 | ≥90 | Φ18×0.7 | Ge | 1500~12000 | <1 |
| IWBP7850~13850 | 7850 | 100 | 13850 | 100 | 8100~13500 | ≥85 | Φ25.3×1.0 | Ge | 1500~20000 | <1.5 |
| IWBP7850~13900 | 7850 | 100 | 13900 | 400 | 8200~13400 | ≥80 | Φ18×1.0 | Ge | 2000~19000 | <1 |
| IWBP7850~13950 | 7850 | 100 | 13950 | 100 | 8100~13500 | ≥85 | Φ25.3×1.0 | Ge | 1500~20000 | <1.5 |
| IWBP7900~9800 | 7900 | 100 | 9800 | 100 | 8300~9300 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7950~9850 | 7950 | 100 | 9850 | 100 | 8200~9600 | ≥90 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7950~10050 | 7950 | 100 | 10050 | 100 | 8300~9700 | ≥92 | Φ12.4×0.3 | Ge | 1500~12000 | <1 |
| IWBP7950~10400 | 7950 | 100 | 10400 | 100 | 8500~10100 | ≥90 | Φ18×0.9 | Ge | 1500~12000 | <1 |
| IWBP7150~13100 | 7150 | 100 | 13100 | 100 | 7600~12500 | ≥75 | Φ25×0.5 | Si | 2000~19000 | <1 |
| IWBP7450~13600 | 7450 | 100 | 13600 | 100 | 7700~13300 | ≥75 | Φ25×0.5 | Si | 2000~19000 | <1 |
| | 7450 | 100 | 13600 | 100 | 7700~13300 | ≥75 | Φ100×0.5 | Si | 2000~19000 | <1 |
| IWBP7300~13300 | 7300 | 100 | 13300 | 100 | 8000~12500 | ≥75 | Φ25×0.5 | Si | 2000~19000 | <1 |
| IWBP7550~13700 | 7550 | 100 | 13700 | 100 | 7750~13400 | ≥70 | Φ25×0.5 | Si | 2000~19000 | <1 |
| IWBP7550~13900 | 7550 | 100 | 13900 | 200 | 8000~13100 | ≥75 | Φ25×0.5 | Si | 2000~19000 | <1 |
| IWBP7650~9850 | 7650 | 100 | 9850 | 100 | 8000~9700 | ≥80 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP7650~9950 | 7650 | 100 | 9950 | 100 | 7900~9600 | ≥80 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP7750~9980 | 7750 | 100 | 9980 | 100 | 8000~9700 | ≥80 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP7700~13950 | 7700 | 100 | 13950 | 400 | 8500~13000 | ≥70 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| | 7700 | 100 | 13950 | 400 | 8500~13000 | ≥65 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP7850-13650 | 7850 | 100 | 13650 | 100 | 8100~13300 | ≥70 | Φ20×1.0 | Si | 1500~20000 | <1.5 |
| | 7850 | 100 | 13650 | 100 | 8100~13300 | ≥75 | Φ25×0.5 | Si | 1500~20000 | <1.5 |
| IWBP7850~13750 | 7850 | 100 | 13750 | 100 | 8100~13300 | ≥70 | Φ25×0.5 | Si | 1500~20000 | <1.5 |
| IWBP7850~13900 | 7850 | 100 | 13900 | 200 | 8200~13100 | ≥75 | Φ25×0.5 | Si | 2000~19000 | <1 |
| IWBP7950~13650 | 7950 | 100 | 13650 | 100 | 8400~13300 | ≥75 | Φ25×0.4 | Si | 1500~20000 | <1.5 |
| IWBP7950~13750 | 7950 | 100 | 13750 | 100 | 8300~13300 | ≥70 | Φ20×1.0 | Si | 1500~20000 | <1.5 |
| | 7950 | 100 | 13750 | 100 | 8300~13300 | ≥75 | Φ25×0.4 | Si | 1500~20000 | <1.5 |
| | 7950 | 100 | 13750 | 100 | 8400~13300 | ≥75 | Φ25×0.4 | Si | 1500~20000 | <1.5 |
| | 7950 | 100 | 13750 | 100 | 8300~13300 | ≥75 | Φ25×0.5 | Si | 1500~20000 | <1.5 |
| IWBP7950~13850 | 7950 | 100 | 13850 | 100 | 8300~13300 | ≥75 | Φ25×0.4 | Si | 1500~20000 | <1.5 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|-----------------|------------|-----|-------------|-----|-------------|---------|---------------|-----|------------|---------|
| IWBP7950~13950 | 7950 | 100 | 13950 | 100 | 8300~13300 | ≥70 | Φ20×1.0 | Si | 1500~20000 | <1.5 |
| | 7950 | 100 | 13950 | 100 | 8300~13300 | ≥70 | Φ16×1.0 | Si | 1500~20000 | <1.5 |
| IWBP8050~9980 | 8050 | 100 | 9980 | 100 | 8500~9600 | ≥80 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP8150~9980 | 8150 | 100 | 9980 | 100 | 8550~9600 | ≥80 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP8250~9980 | 8250 | 100 | 9980 | 100 | 8600~9600 | ≥78 | Φ25.3×0.5 | Si | 1500~12000 | <1 |
| IWBP8050~13850 | 8050 | 100 | 13850 | 100 | 8500~13300 | ≥70 | Φ20×1.0 | Si | 1500~20000 | <1.5 |
| | 8050 | 100 | 13850 | 100 | 8500~13300 | ≥70 | Φ16×1.0 | Si | 1500~20000 | <1.5 |
| IWBP8000~14000 | 8000 | 100 | 14000 | 100 | 8400~13300 | ≥70 | 10×10×0.5 | Si | 1500~20000 | <1.5 |
| IWBP8000-14000 | 7900 | 150 | 13600 | 200 | 8400~13000 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7900 | 150 | 13850 | 200 | 8400~13000 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7900 | 150 | 13850 | 200 | 8400~13000 | ≥75 | 2.91×2.91×0.5 | Si | 1500~20000 | <1.5 |
| | 7900 | 150 | 13850 | 200 | 8400~13000 | ≥70 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7900 | 150 | 14100 | 200 | 8400~13300 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 8100 | 150 | 13850 | 200 | 8500~13000 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 8100 | 150 | 13850 | 200 | 8500~13000 | ≥70 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 8100 | 150 | 14100 | 200 | 8500~13300 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 8350 | 100 | 13650 | 100 | 8610~13290 | ≥75 | 4.5×4.5×0.5 | Si | 5000~19000 | <1 |
| | 8350 | 100 | 13700 | 100 | 8610~13290 | ≥75 | 4.5×4.5×0.5 | Si | 5000~19000 | <1 |
| | 8300 | 100 | 13850 | 200 | 8600~13000 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| IWBP8000-14000 | 7600 | 300 | 13300 | 400 | 8400~12500 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7600 | 300 | 13500 | 500 | 8400~12500 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7800 | 300 | 13800 | 300 | 8400~13000 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7800 | 300 | 13800 | 300 | 8400~13000 | ≥70 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| | 7900 | 150 | 13500 | 500 | 8400~12500 | ≥75 | Φ100×0.5 | Si | 1500~20000 | <1.5 |
| IWBP8230~12400 | 8230 | 150 | 12400 | 200 | 8800~11000 | ≥75 | Φ25×0.5 | Si | 7000~15000 | <1 |
| IWBP8300~13000 | 8300 | 160 | 13000 | 160 | 8800~12500 | ≥75 | Φ100×0.5 | Si | 7000~15000 | <1 |
| | 8300 | 160 | 13000 | 160 | 8800~12500 | ≥75 | Φ25×0.5 | Si | 7000~15000 | <1 |
| IWBP8400~13000 | 8400 | 150 | 13000 | 150 | 8900~12500 | ≥75 | Φ100×0.5 | Si | 7000~15000 | <1 |
| IWBP10000-11300 | 10000 | 100 | 11300 | 100 | 10300~11100 | ≥90 | Φ37×1.0 | Ge | 7000~14000 | <1 |
| IWBP10100-11300 | 10100 | 100 | 11300 | 200 | 10500~11000 | ≥85 | Φ18×0.9 | Ge | 7000~14000 | <1 |
| | 10100 | 100 | 11300 | 200 | 10500~11000 | ≥80 | Φ100×0.5 | Si | 7000~14000 | <1 |
| | 10100 | 100 | 11300 | 200 | 10500~11000 | ≥80 | Φ25×0.5 | Si | 7000~14000 | <1 |
| IWBP10200-11600 | 10200 | 100 | 11600 | 100 | 10600~11300 | ≥85 | Φ37×1.0 | Ge | 7000~14000 | <1 |
| IWBP10200-11500 | 10200 | 100 | 11500 | 100 | 10300~11300 | ≥90 | Φ37×1.0 | Ge | 7000~14000 | <1 |
| | 10200 | 100 | 11500 | 100 | 10300~11300 | ≥90 | Φ18×0.9 | Ge | 7000~14000 | <1 |
| | 10200 | 100 | 11500 | 100 | 10600~11300 | ≥85 | 22×14.5×1.0 | Ge | 7000~14000 | <1 |
| IWBP10300-11300 | 10300 | 100 | 11300 | 100 | 10700~11000 | ≥85 | Φ18×0.3 | Ge | 7000~14000 | <1 |
| | 10300 | 100 | 11300 | 100 | 10450~11150 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP10300-11400 | 10300 | 100 | 11400 | 100 | 10500~11100 | ≥80 | Φ18×0.9 | Ge | 7000~14000 | <1 |
| IWBP10400-11300 | 10400 | 100 | 11300 | 100 | 10700~11100 | ≥90 | 22×14.5×1.0 | Ge | 7000~14000 | <1 |
| IWBP10400-11400 | 10400 | 100 | 11400 | 100 | 10800~11200 | ≥90 | Φ18×0.9 | Ge | 7000~14000 | <1 |
| | 10400 | 100 | 11400 | 100 | 10800~11200 | ≥75 | Φ25×0.5 | Si | 7000~14000 | <1 |
| IWBP10400-11600 | 10400 | 100 | 11600 | 100 | 10800~11400 | ≥90 | Φ18×0.9 | Ge | 7000~14000 | <1 |

| Item | Cut on 50% | ± | Cut off 50% | ± | TWR | Tavg(%) | Size(mm) | Sub | Blocking | Tavg(%) |
|-----------------|------------|-----|-------------|-----|-------------|---------|----------|-----|------------|---------|
| IWBP10500-11400 | 10500 | 100 | 11400 | 100 | 10750~11250 | ≥90 | Φ18×1.0 | Ge | 7000~14000 | <1 |
| | 10500 | 100 | 11400 | 100 | 10750~11200 | ≥82 | Φ30×2.7 | Ge | 7000~14000 | <1 |
| IWBP10600-11450 | 10600 | 100 | 11450 | 100 | 10700~11350 | ≥85 | Φ18×0.7 | Ge | 7500~14000 | <1 |
| IWBP10160-11180 | 10160 | 100 | 11180 | 100 | 10310~11030 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP10240-11260 | 10240 | 100 | 11260 | 100 | 10400~11100 | ≥90 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP11400-12380 | 11400 | 100 | 12380 | 100 | 11550~12230 | ≥85 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP11500-12500 | 11500 | 100 | 12500 | 100 | 11650~12350 | ≥85 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP11570-12570 | 11570 | 100 | 12570 | 100 | 11770~12370 | ≥85 | Φ30×3.0 | Ge | 2000~15000 | <1 |
| IWBP11750-12700 | 11750 | 100 | 12700 | 100 | 11900~12400 | ≥85 | Φ18×0.7 | Ge | 7500~14000 | <1 |