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| --- | --- | --- | --- | --- |
| **Narrowband and bandpass filters:** | | | | |
| Substrate material | Bandwidth, mkm | Maximum transmission ratio, not less than,% | Relative half-width,% | Background transmittance in the blocking area, not more than,% |
| Glass | 0,5….2,0 | 80 | 1,0…10,0 | 0,1 |
| Silicon | 2,0….8,0 | 75 | 2,0…5,0 | 0,1 |
| Germanium | 3,0….15,0 | 70 | 2,0…5,0 | 0,1 |

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| --- | --- | --- | --- | --- |
| **Blocking filters:** | | | | |
| Coating type | Spectral transmission region, mkm | The average pass rate not less than,% | Spectral blocking region, micron | Transmittance, not more,% |
| "Sun-blind" UV filter | 0,28…0,29 | 20 | 0,3…1,0 | 1х10-7 |
| Shortwave blocking filters on sapphire | 3,9…4,8 | 80 | 1,6…2,8 | 0,01 |
| Shortwave blocking filters in Germany | 1,9…2,5 | 75 | 0,25…0,95 | 0,01 |
| Longwave Blocking Filters | 3,9…4,8 | 80 | 5,5…6,0 | 1,0 |