

TECHNICAL DATA INFRARED FILTERS

4.64µm Band Pass Filter

4% grade infrared band pass filter for 4.64 µm

Matched to gas

CO

Specifications

| | |
|---|----------|
| Center wavelength (CWL) | 4.64 µm |
| CWL tolerance | ± 1% |
| Half power bandwidth (HPB) | 180 nm |
| HPB tolerance | ± 20 nm |
| HPB / CWL | 4% |
| Peak transmittance | > 73% |
| Average transmittance from visual to band pass region | ≤ 0.1% |
| Peak transmission value from visual to band pass region | ≤ 1% |
| Peak transmittance from band pass region to 8 µm | < 1% |
| Typical filter thickness | 0.525 mm |
| Substrate material | Silicon |

Sample curve

