

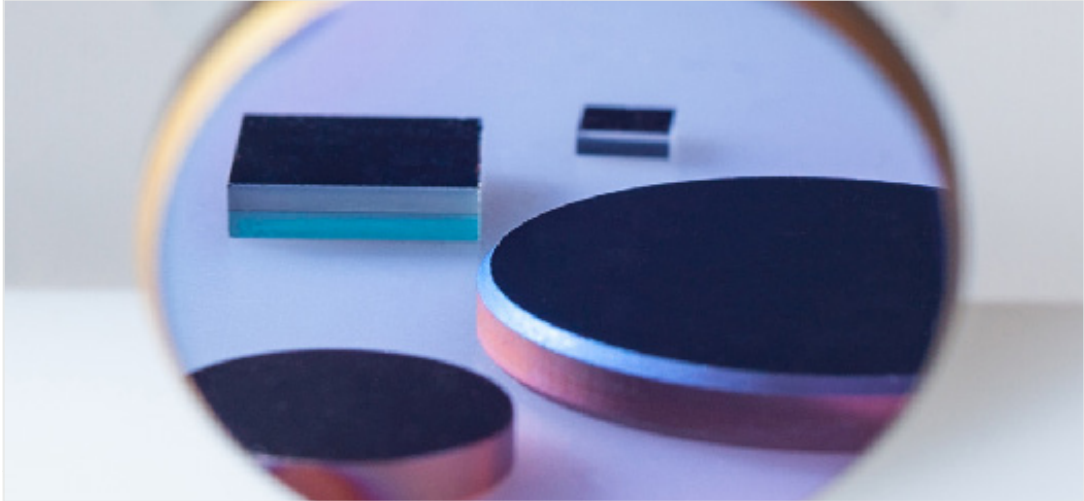


## Head Office:

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## 3-5μm Bandpass Filter On Sapphire

**Part Number:** BPF-3.0-5.0-25-SAP  
**Diameter Sample:** 25mm  
**Price:** £250.00 (Free Shipping)

- Stock 3-5 μm bandpass Filters "on the shelf" for next day shipping, 25 mm diameter x 0.5 mm thick.
- Vortex's trademark RockArd© deposition technology makes our filters highly durable and suitable for the toughest environments.
- All of our filters exhibit high angular tolerance, extremely low change with temperature and very high resistance to thermal shock.

## Suitable Detectors

These Filters are suitable to be used in Lead Selenide (PbSe), Mercury Cadmium Telluride (MCT) and Boltometer type detectors..

## Optical Specification

|                    |                              |
|--------------------|------------------------------|
| Transmission Peak  | >90% ave 3-5 μm band         |
| Blocking Range     | UV, Visible-2.8μm- 5.3-7.5μm |
| Angle Of Incidence | 0°                           |
| Substrate          | 25 mm Diameter, 0.5 mm Thick |
| Surface Quality    | Less than 60-40 Scratch-Dig  |

## Environmental Specification

|                  |              |              |
|------------------|--------------|--------------|
| Adhesion         | MIL-C-48497A | Para 4.5.3.1 |
| Humidity         | MIL-C-48497A | Para 4.5.3.2 |
| Mild Abrasion    | MIL-C-48497A | Para 4.5.3.3 |
| Severe Abrasion  | MIL-C-48497A | Para 4.5.5.1 |
| Cleanability     | MIL-C-48497A | Para 4.5.4.2 |
| Water Solubility | MIL-C-48497A | Para 4.5.5.3 |

## Do you need a custom quote?

For large volumes and specific enquiries please get in touch!

## Spectral Performance

