



## Head Office:

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## 2.07-2.5µm Bandpass Filter for Non Contact Temperature Measurement

**Part Number:** BPF-2070-2510-25

**Diameter Sample:** 25mm

**Price:** £150.00 (Free Shipping)

- Stock 2.07-2.5µm 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 Sulphide (PbS), Indium Gallium Arsenide (InGaAs) and Boltometer type detectors.

## Optical Specification

Transmission Peak	90% ave for 2070-2510 nm 50% T at 2050nm and 2550 nm+/-1%
Blocking Range	UV and Visible to 2.0 µm and 2.7-20 µm+
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

