

4.26μm CO2 NBP

CO2 (Carbon Dioxide)

IR Narrow pdf-row Bandpass Filters are designed to isolate a narrow pdf-row region of the infrared spectrum between 0.85μm and 16μm and are used in a variety of applications such as gas detection



Specifications

Angle of Incidence	0°
CWL	4.26μm ± 0.5%
HBW	105nm ± 10nm
Tpeak	>70%

Environmental Properties

Adhesion	MIL-C-48497A, 08/09/1980, para 4.5.3.1
Adhesion Remark	Tape Test
Humidity	MIL-C-48497A, 08/09/1980, para 4.5.3.2
Humidity Remark	24Hrs, 49°C, 95-100% relative humidity
Abrasion	MIL-C-48497A, 08/09/1980, para 4.5.3.3
Abrasion Remark	Moderate, 50 strokes with a cheesecloth
Blocking	UV - FIR
Temperature	25°C

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