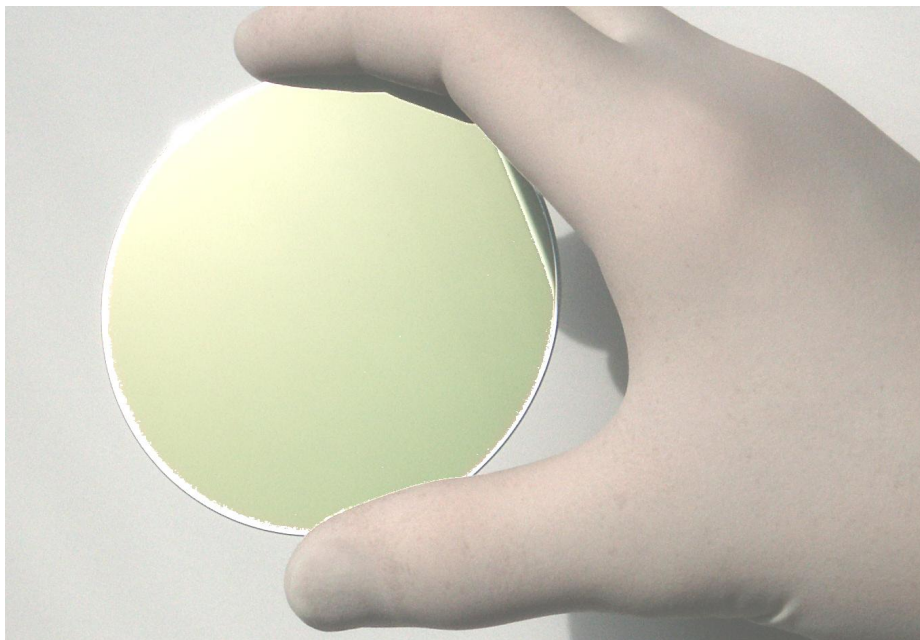


3-5 μm 宽带抗反射 (BBAR) 硅 Si 窗片



产品描述

BBAR（宽带抗反射）硅窗片专为优化光学性能而设计，具备卓越的透光率和低反射特性，适用于广泛的光学应用，包括激光系统、红外成像和传感器设备。

产品特点

高透过率、耐用材料、低反射特性

产品型号

BBAR-3000-5000 nm $\varnothing 25.4 \times 0.5$ mm

应用领域

光通讯

光学和激光技术

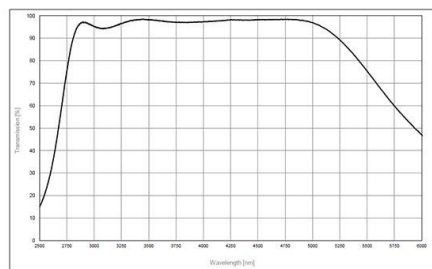
核心参数

波段	基材	min Tavg
3-5μm	Si	97 %

详细参数

编号	型号	基材	min Tavg %
716.700.640	BBAR-3000-5000 nm Ø25.4×0.5 mm	Si	97 %
716.700.641	BBAR-3000-5000 nm Ø25.4×1.0 mm	Si	97 %
716.700.642	BBAR-3000-5000 nm Ø100.0×0.5 mm	Si	97 %
716.700.643	BBAR-3000-5000 nm Ø100.0×1.0 mm	Si	97 %
716.700.650	BBAR-8000-12000 nm Ø25.4×0.5 mm	Si	88 %
716.700.651	BBAR-8000-12000 nm Ø25.4×1.0 mm	Si	88 %
716.700.652	BBAR-8000-12000 nm Ø100.0×0.5 mm	Si	88 %
716.700.653	BBAR-8000-12000 nm Ø100.0×1.0 mm	Si	88 %
716.701.360	BBAR-2500-14000 nm Ø25.4×0.5 mm	Si	2.5-14 μm 70 %
716.701.370	BBAR-2500-14000 nm Ø25.4×1.0 mm	Si	2.5-14 μm 70 %
716.701.340	BBAR-2500-14000 nm Ø100.0×0.5 mm	Si	2.5-14 μm 70 %
716.701.350	BBAR-2500-14000 nm Ø100.0×1.0 mm	Si	2.5-14 μm 70 %

特性曲线

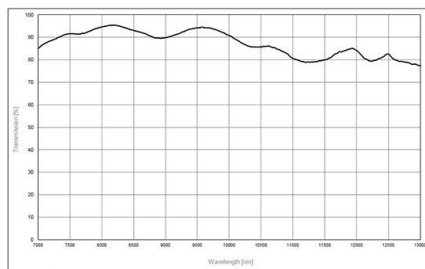


Measured values:
H₉₂ = 5951.86 nm
T_{peak} = 98.56 %
T_{avg} = 97.25 %...OK

T_{min} range 3000 - 5000 nm = 94.14 %
T_{max} range 3000 - 5000 nm = 98.56 %
T_{avg} range 3000 - 5000 nm = 97.25 %...OK

Date: 2023-08-31
Operator:
Article:
Art no: 716
BBAR-3000-5000 nm
Specifications:
T_{avg}: 97 %

Measurement conditions:
Temperature: 23 °C
AOI: 0 deg

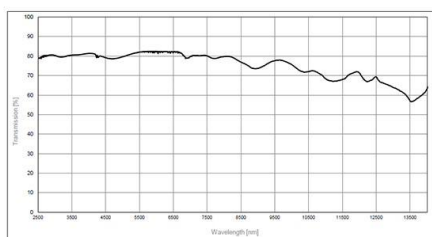


Measured values:
T_{peak} = 95.49 %
T_{avg} = 89.23 %...OK

T_{min} range 8000 - 12000 nm = 78.86 %
T_{max} range 8000 - 12000 nm = 95.49 %
T_{avg} range 8000 - 12000 nm = 89.23 %...OK

Date: 2023-09-02
Operator:
Article:
Art no: 8548
BBAR-8000-12000 nm
Specifications:
T_{avg}: 88 %

Measurement conditions:
Temperature: 23 °C
AOI: 0 deg



Measured values:
Transmittance:
T_{avg} min 2500 - 14000 nm = 78.98 %...OK

Date: 7/14/2023
Operator:
Article:
Art no: 716
BBAR-2500-14000 nm
Specifications:
T_{avg} min 70 % 2500 - 14000 nm

Measurement conditions:
Temperature: 296 K AOI: 0 °

一般规格

一般规格:

直径公差: $\varnothing 25.4$ mm +0/-0.2 mm, $\varnothing 75.0$ and $\varnothing 100.0$ mm +0/-0.3 mm

厚度公差: +/- 0.2 mm

表面光洁度: S&D 60/40

CA: 90 % center

每个窗片都提供室温和法向入射角下的光谱曲线。