

UV- J1002-DOM

Precision is
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UV-J1002-DOM

UV-J1002-DOM1

UV-J1002-DOM2

APPLICATION

This polished quartz dome is used in the weather proof global input optic *UV-J1002*. The used material HPFS (fused silica) is a high purity synthetic amorphous silicon dioxide and allows a large field of application, from the deep UV up to the far IR.

The quartz dome is also available as stand alone product for general applications in three different versions.

UV-J1002-DOM: pure quartz dome.

UV-J1002-DOM1: quartz dome sealed in high-grade-steel flange for clamping applications. For more details please see datasheet

UV-J1002-DOM2: quartz dome sealed in high-grade-steel flange for screwing applications. For more details please see datasheet

SPECIFICATION

Softing point	1585°C
Annealing point	1042°C
Density	2.2 g/cm ³
Refractive index	1.44887 @ 1128.64 nm 1.47455 @ 365.01 nm 1.50860 @ 248.00 nm

Physical data

Weight	0.008 kg
Diameter	36.0 ± 0.1 mm
Wall thickness	1.7 ± 0.1 mm
Material	Corning HPFS Fused Silica
Drawing	

