

Goods Description



Silicon, Germanium, GaAs and Znse are three popular and useful IR materials. Si can be used from 1.2 to 7 um. It has peak performance in the 3 to 5 um region. Ge is ideal for thermal imaging application and is popular for its high refraction index at about 4.0 from 2 to 14um. Znse is commonly used in thermal resistance applications. Znse has wide usage in high power CO2 laser systems.

Specification

| P/N | Diameter | | Thickness | | Material |
|-----------------|----------|------|-----------|------|----------|
| | mm | inch | mm | inch | |
| W-10.6-12-2 | 12 | 0.47 | 2 | 0.08 | Znse |
| W-10.6-12-3 | 12 | 0.47 | 3 | 0.12 | Znse |
| W-10.6-12.7-2 | 12.7 | 0.5 | 2 | 0.08 | Znse |
| W-10.6-12.7-2.5 | 12.7 | 0.5 | 2.5 | 0.1 | Ge |
| W-10.6-15-2 | 15 | 0.59 | 2 | 0.08 | Znse |
| W-10.6-16-3 | 15 | 0.59 | 3 | 0.12 | Znse |
| W-10.6-15-4 | 16 | 0.63 | 3 | 0.12 | Znse/Ge |

| | | | | | |
|-----------------|------|------|----|------|--------------|
| W-10.6-15.2-3 | 15.2 | 0.6 | 3 | 0.12 | Znse |
| BRW-10.6-18-2 | 18 | 0.71 | 2 | 0.08 | Ge |
| W-10.6-18-3 | 18 | 0.71 | 3 | 0.12 | Znse |
| W-10.6-19-2 | 19 | 0.75 | 2 | 0.08 | Znse/Ge |
| W-10.6-19-3 | 19 | 0.75 | 3 | 0.12 | Znse |
| W-10.6-20-2 | 20 | 0.79 | 2 | 0.08 | Znse/Ge |
| BRW-10.6-20-3 | 20 | 0.79 | 3 | 0.12 | Ge |
| W-10.6-23-3 | 23 | 0.91 | 3 | 0.12 | Znse/Ge |
| W-10.6-25-3C | 25 | 0.98 | 3 | 0.12 | Znse/Ge |
| W-10.6-25-4 | 25 | 0.98 | 3 | 0.12 | Chinese Znse |
| W-10.6-25.4-3 | 25.4 | 1 | 3 | 0.12 | Znse |
| W-10.6-27.9-3 | 27.9 | 1.1 | 3 | 0.12 | Znse |
| W-D29.8-T11 | 29.8 | 1.17 | 11 | 0.43 | Znse/Ge |
| BRW-10.6-30-3 | 30 | 1.18 | 3 | 0.12 | Ge |
| W-10.6-38.1-3 | 38.1 | 1.5 | 3 | 0.12 | Znse |
| W-10.6-38.1-4 | 38.1 | 1.5 | 4 | 0.16 | Znse |
| BRW-10.6-38.1-5 | 38.1 | 1.5 | 5 | 0.2 | Ge |
| W-10.6-50.8-3 | 50.8 | 2 | 3 | 0.12 | Znse |
| W-10.6-50.8-4 | 50.8 | 2 | 4 | 0.16 | Znse |
| W-10.6-50.8-5 | 50.8 | 2 | 5 | 0.2 | Znse |
| BRW-10.6-63.5-4 | 63.5 | 2.5 | 4 | 0.16 | Ge |
| W-10.6-63.5-5 | 63.5 | 2.5 | 5 | 0.2 | Znse |
| W-10.6-63.5-6 | 63.5 | 2.5 | 6 | 0.24 | Znse |
| W-10.6-63.5-6 | 63.5 | 2.5 | 6 | 0.24 | Znse |
| BRW-10.6-63.5-9 | 63.5 | 2.5 | 9 | 0.35 | Ge |
| W-10.6-75-5 | 75 | 2.95 | 5 | 0.2 | Znse |

| | | | | | |
|----------------|------|------|-----|------|--------------|
| W-10.6-75-6 | 75 | 2.95 | 6 | 0.24 | Znse |
| W-10.6-75-8 | 76.2 | 3 | 8 | 0.31 | Znse/Ge |
| BRW-10.6-75-9 | 75 | 2.95 | 9 | 0.35 | Ge |
| W-10.6-80-3C | 80 | 3.15 | 3 | 0.12 | Chinese Znse |
| W-10.6-80-3 | 80 | 3.15 | 3 | 0.12 | Znse |
| W-10.6-80-4 | 80 | 3.15 | 4 | 0.16 | Znse |
| W-10.6-101-5 | 101 | 3.98 | 5 | 0.2 | Znse |
| W-10.6-101-5.5 | 101 | 3.98 | 5.5 | 0.22 | Znse |
| W-10.6-150-10 | 150 | 5.91 | 10 | 0.39 | Znse |

Remarks:

A. 1 inch=25.4mm

B. Customization for different sizes. Ge,Silicon, GaAs windows are also available.

Lens Cleaning

Lens Cleaning

1. For light pollution (dust, fiber particles) were flexible cleaning.

Using a blowing balloon, Blow off scattered contaminants on the surface of the optical element.



2. For light pollution (stains, fingerprints) were flexible cleaning.

Propanol, acetone glue with a cotton swab or alcohol to gently wipe the surface.



3. For moderately polluted (saliva, oil) in moderate-intensity cleaning.

Infiltrating distilled white vinegar with a cotton swab, wipe the surface a little pressure.



Packaging and shipping

Packaging & Shipping

Packaging 1



Packaging 2



Packaging 3



Shipping 4



Company Information

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CARMAN HAAS Laser Technology (Su-Zhou) CO., Ltd --- devote to optical design, optic manufacturing, expert sales and services in laser optics and infrared optics, which located in China-Singapore Suzhou Industrial Park. Corporation has a team with over 15 years in laser optical design, optic manufacturing, sales and service. All along, we have established an exclusive and permanent strategic cooperative partner with a US head-quartered Corp, who has over 20 years' experiences in high-precision optical design, optic manufacturing and the state-of-the-art coating technology in laser optics industry. Furthermore, corporation has established a very closely cooperative relationship with Institute of Optics of Suzhou University, Shanghai Institute of Optics and Mechanism, Changchun Institute of Optics and Mechanism and so on.

Trade Shows

Trade Shows

2014



2015



2016

