

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

