

View Online at <https://aerobasegroup.com/nsn/6650-00-213-7002>

**Diameter:**

Between 2.123 inches and 2.125 inches

**Axial Thickness:**

Between 0.464 inches and 0.472 inches and 0.278 inches and 0.286 inches

**Compound Lensaxial Thickness:**

Between 0.742 inches and 0.758 inches

**Equivalent Focal Length:**

8.126 inches

**Back Focal Length:**

7.772 inches

**Front Focal Length:**

7.992 inches

**Refraction Index:**

1.5310 and 1.6030

**Abbe Constant:**

62.100 and 38.000

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

-3.167 inches and 5.391 inches

**Element Right Surface Radius:**

-3.167 inches and 12.399 inches

**Special Features:**

Black arrow on periphery. Front and back surfaces coated with magnesium fluoride. Chamfer edges 0.010 in. To 0.015 in. By 40 to 50 deg. Rim and chamfers ground.

**Material:**

Glass, optical, mil-g-174, class 1, grade b, type 531-621 and type 603-380

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**Fsc Application Data:**

Receiver-transmitter, laser

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e