

View Online at <https://aerobasegroup.com/nsn/6650-00-155-1729>

**Diameter:**

2.440 inches

**Axial Thickness:**

0.315 inches and 0.244 inches

**Compound Lensaxial Thickness:**

0.559 inches

**Compound Lens Edge Thickness:**

0.530 inches

**Equivalent Focal Length:**

46.322 inches

**Back Focal Length:**

45.988 inches

**Front Focal Length:**

46.322 inches

**Refraction Index:**

1.5170 and 1.6170

**Abbe Constant:**

64.500 and 36.600

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

-19.409 inches and 22.429 inches

**Element Right Surface Radius:**

19.409 inches and -164.818 inches

**Material:**

Glass, optical, jan-g-174, grade c

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Glass, optical, jan-g-174, grade c

**Fsc Application Data:**

Fire control, range finder mk 33 mod 5

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e