

View Online at <https://aerobasegroup.com/nsn/6650-00-902-9740>

**Diameter:**

1.266 inches

**Compound Lensaxial Thickness:**

0.362 inches

**Compound Lens Edge Thickness:**

0.250 inches

**Equivalent Focal Length:**

6.626 inches

**Back Focal Length:**

6.385 inches

**Front Focal Length:**

6.023 inches

**Refraction Index:**

1.6200 and 1.6490

**Abbe Constant:**

60.300 and 33.800

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and plano-concave

**Element Left Surface Radius:**

3.690 inches

**Element Right Surface Radius:**

1.651 inches

**Material:**

Glass optical

**Material Specification:**

Mil-g-174, class 1, grade c military specification single material response

**Fsc Application Data:**

Periscope, tank, xm48

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e

**Mil-std (military Standard):**

Mil-g-174 spec.