

View Online at <https://aerobasegroup.com/nsn/6650-00-618-9397>

**Diameter:**

Between 1.219 inches and 1.220 inches

**Axial Thickness:**

0.394 inches and 0.157 inches

**Compound Lensaxial Thickness:**

0.551 inches

**Compound Lens Edge Thickness:**

0.436 inches

**Equivalent Focal Length:**

2.765 inches

**Back Focal Length:**

2.841 inches

**Front Focal Length:**

2.359 inches

**Refraction Index:**

1.6110 and 1.6208

**Abbe Constant:**

58.800 and 36.200

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Material:**

Glass, optical, mil-g-174, class 1, grade c

**Material:**

Glass optical

**Material Specification:**

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

**Fsc Application Data:**

Range finder, fire control

**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.