

View Online at <https://aerobasegroup.com/nsn/6650-00-851-3919>

**Diameter:**

1.142 inches

**Axial Thickness:**

0.150 inches and 0.220 inches

**Compound Lensaxial Thickness:**

0.370 inches

**Compound Lens Edge Thickness:**

0.312 inches

**Equivalent Focal Length:**

5.302 inches

**Back Focal Length:**

5.129 inches

**Refraction Index:**

1.6210 and 1.5410

**Abbe Constant:**

36.200 and 59.900

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Meniscus diverging and double convex

**Element Left Surface Radius:**

3.555 inches

**Element Right Surface Radius:**

1.325 inches

**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:**

Telescope, elbow, integrated with fire control equipment

**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.