

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1837>

**Diameter:**

1.457 inches

**Axial Thickness:**

0.598 inches and 0.138 inches

**Compound Lensaxial Thickness:**

0.736 inches

**Compound Lens Edge Thickness:**

0.478 inches

**Equivalent Focal Length:**

2.265 inches

**Back Focal Length:**

1.739 inches

**Front Focal Length:**

2.324 inches

**Refraction Index:**

1.5730 and 1.6490

**Abbe Constant:**

57.400 and 33.800

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and plano-concave

**Element Left Surface Radius:**

-1.157 inches and 1.157 inches

**Element Right Surface Radius:**

-1.157 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:**

Fire control, telescope mk 74 mod 1

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

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

Mil-g-174 spec.