

View Online at <https://aerobasegroup.com/nsn/6650-00-964-9278>

**Diameter:**

1.610 inches

**Axial Thickness:**

0.575 inches and 0.097 inches

**Compound Lensaxial Thickness:**

0.672 inches

**Compound Lens Edge Thickness:**

0.313 inches

**Equivalent Focal Length:**

4.174 inches

**Back Focal Length:**

3.509 inches

**Front Focal Length:**

2.837 inches

**Refraction Index:**

1.6200 and 1.7200

**Abbe Constant:**

60.300 and 29.300

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Element Left Surface Radius:**

-1.794 inches and 1.575 inches

**Element Right Surface Radius:**

-1.794 inches and 5.708 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 integrated with fire control equip

**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.