

View Online at <https://aerobasegroup.com/nsn/6650-00-300-6599>

**Diameter:**

1.825 inches

**Axial Thickness:**

0.305 inches and 0.174 inches

**Compound Lensaxial Thickness:**

0.479 inches

**Compound Lens Edge Thickness:**

0.363 inches

**Equivalent Focal Length:**

9.149 inches

**Back Focal Length:**

9.194 inches

**Refraction Index:**

1.5286 and 1.6890

**Abbe Constant:**

51.600 and 30.900

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Plano-convex and meniscus diverging

**Element Left Surface Radius:**

-51.636 inches and 2.054 inches

**Element Right Surface Radius:**

-2.054 inches and 3.912 inches

**Material:**

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

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

**Fsc Application Data:**

Telescope t150e1, integrated with fire control equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e