

View Online at <https://aerobasegroup.com/nsn/6650-00-891-9850>

**Diameter:**

0.834 inches

**End Application:**

Telescope 8587540

**Axial Thickness:**

0.106 inches and 0.279 inches

**Compound Lensaxial Thickness:**

0.385 inches

**Compound Lens Edge Thickness:**

0.250 inches

**Equivalent Focal Length:**

-2.583 inches

**Back Focal Length:**

3.791 inches

**Refraction Index:**

1.6170 and 1.6170

**Abbe Constant:**

36.600 and 54.900

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double concave and double convex

**Element Left Surface Radius:**

-0.314 inches and 1.667 inches

**Element Right Surface Radius:**

1.667 inches and -0.574 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, panoramic, integrated with fire control equipment

**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.