

View Online at <https://aerobasegroup.com/nsn/6650-00-851-7613>

**Diameter:**

0.760 inches

**End Application:**

Telescope, panoramic, m117

**Axial Thickness:**

0.179 inches and 0.099 inches

**Compound Lensaxial Thickness:**

0.278 inches

**Compound Lens Edge Thickness:**

0.228 inches

**Equivalent Focal Length:**

6.135 inches

**Back Focal Length:**

6.008 inches

**Front Focal Length:**

5.730 inches

**Refraction Index:**

1.5725 and 1.6890

**Abbe Constant:**

57.400 and 68.900

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

4.235 inches

**Element Right Surface Radius:**

2.487 inches

**Material:**

Glass, optical, mil-g-174, grade c

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Glass, optical, mil-g-174, grade c

**Fsc Application Data:**

Telescope, panoramic, t177, integrated with fire control equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e