

View Online at <https://aerobasegroup.com/nsn/6650-00-073-8841>

**Diameter:**

Between 1.237 inches and 1.243 inches

**Axial Thickness:**

Between 0.349 inches and 0.369 inches and 0.092 inches and 0.112 inches

**Compound Lensaxial Thickness:**

Between 0.441 inches and 0.481 inches

**Equivalent Focal Length:**

5.569 inches

**Back Focal Length:**

5.312 inches

**Refraction Index:**

1.5170 and 1.6490

**Abbe Constant:**

64.500 and 33.800

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

3.127 inches

**Element Right Surface Radius:**

2.410 inches

**Material:**

Glass, optical, mil-g-174, class 1, grade c, type 517-645 and glass, optical, mil-g-174, class 1, grade c, type 649-338

**Material:**

Glass, optical, mil-g-174, class 1, grade c, type 517-645 and glass, optical, mil-g-174, class 1, grade c, type 649-338

**Fsc Application Data:**

Telescope panoramic m113

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e