

View Online at <https://aerobasegroup.com/nsn/6650-00-073-8842>

**Diameter:**

Between 1.097 inches and 1.103 inches

**Axial Thickness:**

Between 0.400 inches and 0.420 inches and 0.092 inches and 0.112 inches

**Compound Lensaxial Thickness:**

Between 0.492 inches and 0.532 inches

**Equivalent Focal Length:**

2.901 inches

**Back Focal Length:**

2.518 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 plano-concave

**Element Left Surface Radius:**

1.262 inches

**Element Right Surface Radius:**

1.806 inches

**Special Features:**

Front and back surfaces coated with magnesium fluoride

**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

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**Fsc Application Data:**

Telescope panoramic m113

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e