

View Online at <https://aerobasegroup.com/nsn/6650-00-768-8718>

**Diameter:**

Between 1.062 inches and 1.065 inches

**Axial Thickness:**

Between 0.108 inches and 0.128 inches and 0.384 inches and 0.404 inches

**Compound Lensaxial Thickness:**

Between 0.492 inches and 0.532 inches

**Compound Lens Edge Thickness:**

0.469 inches

**Equivalent Focal Length:**

35.620 inches

**Refraction Index:**

1.5110 and 1.7200

**Abbe Constant:**

63.500 and 29.300

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Element Left Surface Radius:**

1.575 inches

**Element Right Surface Radius:**

1.087 inches

**Special Features:**

Front and back surfaces coated with magnesium fluoride. All edges chamfered 0.020 in. Min. By 45 deg. Rim and chamfers ground.

**Material:**

Glass, optical, mil-g-174, class 1, grade c, type 511-635 and glass, optical, mil-g-174, class 1, grade c, type 720-293

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**Fsc Application Data:**

Periscope, tank

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e