

View Online at <https://aerobasegroup.com/nsn/5985-01-369-4720>

**Body Style:**

Rectangular

**Overall Length:**

9.850 inches

**Overall Height:**

4.250 inches

**Overall Width:**

4.250 inches

**Frequency Rating:**

2.7 gigahertz single frequency operating and 3.0 gigahertz single frequency operating

**Switch Type:**

Nontransfer

**Operating Temperature Range:**

+0.0/+35.0 degrees celsius

**End Application:**

Next generation radar (nexrad)

**Voltage Standing Wave Ratio:**

1.05 single

**Insertion Loss In Decibels:**

0.05 single

**Rf Power Handling Capability:**

1.2 megawatts peak single

**Actuator Operating Method:**

Relay

**Actuator Current Type And Rating In Amps:**

3.0 dc

**Actuator Voltage In Volts:**

28.0

**Switching Time:**

200.0 milliseconds

**Switch Return Mechanism Type:**

Fail-safe

**Pole Quantity:**

2

**Throw Quantity:**

2

**Coupling Position Quantity:**

2

**Special Features:**

Two position, four port, two-pole two throw waveguide switch, +28 vdc (nom) actuated; range, 2.7 to 3.0 ghz; failsafe operation; arc suppression diodes across motor coils; isolation, 70 db; altitude, 3300 meters, operating; humidity, operating, 20-80%; non-operating, 15-100%; waveguide size, m85/1-042, wr 284

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A158a0