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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Aircraft, harrier av-8b, hornet f/a-18, hawkkeye e-2c, tomcat f-14, ta-4j; emory s. Land class as, spruance class dd (963), virginia class cgn (41); ship, ohio class ssn (trident)

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.05

**Adapter Length:**

Between 2.330 inches and 2.430 inches

**Waveguide Outside Width:**

Between 0.590 inches and 0.702 inches

**Waveguide Inside Width:**

Between 0.510 inches and 0.622 inches

**Waveguide Inside Height:**

Between 0.255 inches and 0.311 inches

**Criticality Code Justification:**

Feat

**Waveguide Outside Height:**

Between 0.335 inches and 0.391 inches

**Special Features:**

Frequency range 15.0 to 18.0 ghz; adapts wr-51 waveguide to wr-62; weapon system essential

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Any acceptable all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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