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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches first flange

**Flange Inside Height:**

0.628 inches first flange

**Flange Outside Width:**

1.860 inches first flange and 1.890 inches first flange

**Flange Outside Height:**

1.860 inches first flange and 1.890 inches first flange

**Flange Depth:**

0.423 inches all flanges and 0.453 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Adapter Length:**

3.750 inches

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Special Features:**

Frequency range 8.2 to 12.4 khz; waveguide size tapers from rg-51/u to rg-52/u

**Material:**

Copper alloy all tubing segment and flange or aluminum all tubing segment and flange

**Surface Treatment:**

Chromate zinc all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Specification Data:**

18876-10667940 manufacturers specification control

**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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