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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/tpn-12

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.05

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

Waveguide Longer Offset Distance:

29.438 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Choke type second flange

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment

Precious Material And Location:

External surfaces silver

Precious Material:

Silver

Surface Treatment:

Chromate zinc first flange outside surfaces and paint first flange outside surfaces

Style Designator:

Bend type

Supplementary Features:

First flange cover style; silver plate brass parts only

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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