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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Aircraft control approach central, an/spn-35a; radar set, an/tpn- ()

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.253 inches second flange and 1.256 inches second flange

Flange Inside Height:

0.628 inches second flange and 0.631 inches second flange

Flange Outside Width:

1.860 inches second flange and 1.890 inches second flange

Flange Outside Height:

1.860 inches second flange and 1.890 inches second flange

Flange Inside Diameter:

1.610 inches first flange and 1.640 inches first flange

Flange Depth:

0.610 inches first flange and 0.640 inches first flange

Flange Connecting Hole Diameter:

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

Waveguide Outside Width:

Between 1.253 inches and 1.256 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 0.628 inches and 0.631 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Center To Center Distance:

Between 14.709 inches and 14.729 inches

Waveguide Height:

Between 1.365 inches and 1.385 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Surface Treatment:

Anodize all tubing segment and flange outside surfaces

Style Designator:

Double bend type

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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