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Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless third tubing segment

Tubing Twist Type:

Twistable fifth tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches all flanges and 0.707 inches all flanges

Flange Inside Height:

0.394 inches all flanges and 0.396 inches all flanges

Flange Outside Width:

1.298 inches all flanges and 1.328 inches all flanges

Flange Outside Height:

1.298 inches all flanges and 1.328 inches all flanges

Flange Depth:

0.298 inches all flanges and 0.328 inches all flanges

Flange Connecting Hole Diameter:

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.30

Insertion Loss In Decibels:

0.35

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Waveguide Inside Width:

Between 0.6195 inches and 0.6245 inches

Waveguide Inside Height:

Between 0.3085 inches and 0.3135 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Special Features:

Five remaining sections of waveguide and flanges are copper; copper chromate treated and painted; frequency range 15.9 to 17.1 ghz

Flexibility:

Rigid third tubing segment

Material:

Copper alloy third tubing segment

Precious Material And Location:

Internal surfaces flexible waveguide section silver

Precious Material:

Silver

Surface Treatment:

Silver fifth tubing segment inside surfaces

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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