## NSN 5985-01-302-6517

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### **Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

### **Tubing Wall Construction Style:**

Seamless single tubing segment

Flange Quantity:

### Flange Inside Width:

0.688 inches single flange and 0.694 inches single flange

### Flange Inside Height:

0.425 inches single flange and 0.431 inches single flange

### Flange Outside Width:

1.375 inches single flange

### Flange Outside Height:

1.375 inches single flange

### Flange Depth:

0.250 inches single flange

### Flange Connecting Hole Diameter:

0.142 inches single flange all connection facilities and 0.148 inches single flange all connection facilities

### **Voltage Standing Wave Ratio:**

1.30

### **Insertion Loss In Decibels:**

0.50

### **Coaxial Connector Series Designation:**

### **Connector End Design:**

Female

### Adapter Length:

Between 1.890 inches and 1.950 inches

#### **Adapter Height:**

1.375 inches

### **Waveguide Outside Width:**

0.791 inches

### **Waveguide Inside Width:**

0.691 inches

### **Waveguide Inside Height:**

0.321 inches

### **Waveguide Outside Height:**

0.431 inches

### Flange Connecting Facility And Quantity:

4 unthreaded hole single flange all connection facilities

### Flange Style:

Contact, double ridge type single flange

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Adapterheight:
Between 2.458 inches and 2.618 inches
Adapterwidth:
1.375 inches
Material:
Aluminum alloy single tubing segment and flange
Style Designator:
Waveguide to coaxial
Fsc Application Data:
Antennas, waveguides, and related equipment
Shelf Life:
N/a
Unit Of Measure:

**Demilitarization:** Yes - demil/mli

**Fiig:** A073a0