

## Splice for elliptical waveguide 77

# Product Classification

Product Type Elliptical waveguide connector

# General Specifications

| Attachment Method     | Tab-flare   Tool-flare |
|-----------------------|------------------------|
| Body Style            | Splice                 |
| Inner Contact Plating | Unplated               |
| Interface             | Splice                 |
| Outer Contact Plating | Unplated               |
| Pressurizable         | Yes                    |
|                       |                        |

#### Dimensions

| Width  | 88.392 mm |  | 3.48 in |
|--------|-----------|--|---------|
| Length | 75.184 mm |  | 2.96 in |

#### **Electrical Specifications**

| Insertion Loss, typical  | 0.01 dB         |
|--------------------------|-----------------|
| Operating Frequency Band | 6.100 - 8.5 GHz |

## Material Specifications

| Material Type | Brass |
|---------------|-------|
|---------------|-------|

## **Environmental Specifications**

| Operating Temperature | -55 °C to +85 °C (-67 °F to +185 °F) |
|-----------------------|--------------------------------------|
| Storage Temperature   | -55 °C to +85 °C (-67 °F to +185 °F) |

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# 177DZ

## Packaging and Weights

Weight, net

1.3 kg | 2.866 lb

#### Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC    | Compliant as per SVHC revision on www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |
|               |  |

## \* Footnotes

**Insertion Loss, typical** 0.05√<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

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