

# 177DZ

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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)

## Packaging and Weights

**Weight, net** 1.3 kg | 2.866 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

**Insertion Loss, typical**  $0.05\sqrt{\text{freq (GHz)}}$  (not applicable for elliptical waveguide)