

Splice for 2-1/4 in HJ12-50 air dielectric cable

**OBSOLETE**

## Product Classification

<b>Product Type</b>	Air coaxial connector
<b>Product Brand</b>	HELIAX®

## General Specifications

<b>Body Style</b>	Splice
<b>Cable Family</b>	HJ12-50
<b>Inner Contact Attachment Method</b>	Thread-in stub
<b>Inner Contact Plating</b>	Unplated
<b>Interface</b>	Splice
<b>Mounting Angle</b>	Straight
<b>Outer Contact Attachment Method</b>	Tab-flare
<b>Outer Contact Plating</b>	Unplated

## Dimensions

<b>Length</b>	151.638 mm   5.97 in
<b>Diameter</b>	86.614 mm   3.41 in
<b>Nominal Size</b>	2-1/4 in

## Electrical Specifications

<b>Insertion Loss, typical</b>	0.05 dB
<b>Cable Impedance</b>	50 ohm
<b>Connector Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	0 – 2300 MHz
<b>Peak Power, maximum</b>	425 kW

## Mechanical Specifications

<b>Mechanical Shock Test Method</b>	MIL-STD-202, Method 213, Test Condition I
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## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +150 °C (-40 °F to +302 °F)
<b>Storage Temperature</b>	-70 °C to +100 °C (-94 °F to +212 °F)
<b>Corrosion Test Method</b>	MIL-STD-202, Method 101, Test Condition B
<b>Moisture Resistance Test Method</b>	MIL-STD-202, Method 106
<b>Thermal Shock Test Method</b>	MIL-STD-202, Method 107, Test Condition A-1, Low Temperature -55 °C
<b>Vibration Test Method</b>	MIL-STD-202, Method 204, Test Condition B

## Packaging and Weights

**Weight, net** 2.9 kg | 6.393 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

**Insertion Loss, typical** 0.05v~freq (GHz) (not applicable for elliptical waveguide)