

# Product Specifications



81Z

Splice for 4 in HJ11-50 air dielectric cable

## CHARACTERISTICS

### General Specifications

Interface	Splice
Body Style	Splice
Brand	HELIAX®
Mounting Angle	Straight

### Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 1000 MHz
Cable Impedance	50 ohm
Peak Power, maximum	1100.00 kW
Insertion Loss, typical	0.05 dB

### Mechanical Specifications

Outer Contact Attachment Method	Tab-flare
Inner Contact Attachment Method	Thread-in stub
Outer Contact Plating	Unplated
Inner Contact Plating	Unplated

### Dimensions

Nominal Size	4 in
Diameter	153.19 mm   6.03 in
Length	180.98 mm   7.13 in
Weight	5.71 kg   12.58 lb

### Environmental Specifications

Operating Temperature	-40 °C to +150 °C (-40 °F to +302 °F)
Storage Temperature	-70 °C to +100 °C (-94 °F to +212 °F)

### Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Values (MCV)

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## \* Footnotes

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