

# L12FB-302

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7/8 in EIA Flange for 2-1/4 in LDF12-50 cable

## OBSOLETE

This product was discontinued on: April 1, 2008

## Product Classification

<b>Product Type</b>	Wireless and radiating connector
<b>Product Brand</b>	HELIAX®

## General Specifications

<b>Body Style</b>	Straight
<b>Cable Family</b>	LDF12-50
<b>Inner Contact Attachment Method</b>	Self-tapping
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	7/8 in EIA Flange
<b>Mounting Angle</b>	Straight
<b>Outer Contact Attachment Method</b>	Self-flare
<b>Outer Contact Plating</b>	Unplated
<b>Pressurizable</b>	No

## Dimensions

<b>Length</b>	193.04 mm   7.6 in
<b>Diameter</b>	132.08 mm   5.2 in
<b>Nominal Size</b>	2-1/4 in

## Electrical Specifications

<b>Insertion Loss Coefficient, typical</b>	0.05
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<b>Cable Impedance</b>	50 ohm
<b>Connector Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	0 – 2200 MHz

## Mechanical Specifications

<b>Attachment Durability</b>	25 cycles
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## Environmental Specifications

<b>Attenuation, Ambient Temperature</b>	20 °C   68 °F
<b>Average Power, Ambient Temperature</b>	40 °C   104 °F

## Packaging and Weights

<b>Weight, net</b>	454 g   1.001 lb
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## \* Footnotes

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