

75AM-75

LC Male with gas barrier for 7/8 in HJ5-75 air dielectric cable

OBSOLETE

This product was discontinued on: April 1, 2014

Product Classification

Product Type	Air coaxial connector
Product Brand	HELIAX®

General Specifications

Body Style	Straight
Cable Family	HJ5-75
Gas Barrier	Yes
Inner Contact Attachment Method	Solder
Inner Contact Plating	Unplated
Interface	LC Male
Mounting Angle	Straight
Outer Contact Attachment Method	Tab-flare
Outer Contact Plating	Unplated

Dimensions

Length	109.22 mm 4.3 in
Diameter	35.814 mm 1.41 in
Nominal Size	7/8 in

Electrical Specifications

Insertion Loss, typical	0.05 dB
Average Power at Frequency	3.5 kW @ 900 MHz
Cable Impedance	75 ohm
Connector Impedance	50 ohm
dc Test Voltage	5 kV
Insulation Resistance, minimum	5000 MOhm

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Operating Frequency Band	0 – 2620 MHz
Peak Power, maximum	63 kW
RF Operating Voltage, maximum (vrms)	1768 V

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)
Corrosion Test Method	MIL-STD-202, Method 101, Test Condition B
Vibration Test Method	MIL-STD-202, Method 204, Test Condition B

Packaging and Weights

Weight, net	0.54 kg 1.19 lb
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Regulatory Compliance/Certifications

Agency	Classification
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)
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