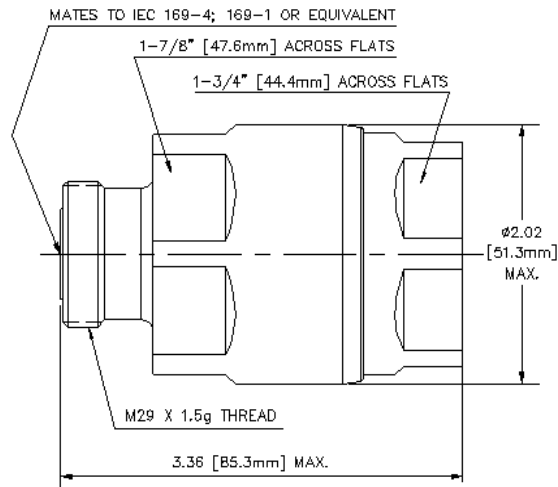


Connector

PRODUCT SPECIFICATION

L6PDF-RPC

7/16 DIN for LDF6-50, Low Density Foam Dielectric Cable



CHARACTERISTICS

Components

DIN-M Contact	Phosphor Bronze Silver Plate
O-Ring	Silicone Rubber
O-ring (insulator)	Silicone Rubber
O-ring (pin)	Silicone Rubber
O-Ring	Silicone Rubber
Balls	440-C Stainless steel
Bearing Sleeve	Brass Trimetal Plate
Rubber Plug	Silicone Rubber
Clamping Nut	Brass Trimetal Plate
Insulator	Polymethylpentene

Electrical

Recommended Maximum Operating Frequency, GHz	5.2
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Customer Support Center:

From North America: 1-800-255-1479
International: +1-708-873-2307

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October 30, 2001



Connector

PRODUCT SPECIFICATION

L6PDF-RPC

7/16 DIN for LDF6-50, Low Density Foam Dielectric Cable

Electrical

3rd Order IM, Product Typical @ 910 MHz, -dBm	-120
3rd Order IM Test Method	Andrew # 210308
Insulation Resistance, min, MOhms	5,000
Insertion Loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$
Connector Return Loss, dB 0.04 - 2 GHz	36

Mechanical

Inner Attachment Method	Spring fingers
Outer Attachment Method	Ball Clamp
Connector Weight, kg (lb)	0.500 (1.102)
Pressurizable	No

Environmental

Moisture Resistance Test	MIL-STD-202F, Method 106F
Mechanical Shock Test	MIL-STD-202F, Method 213B, Test Cond. C
Corrosion Test	MIL-STD-1344A, Method 1001.1, Test Cond. A
Thermal Shock Test	MIL-STD-202F, Method 107G, Test Cond. A-1, Low Temp-55°C
Vibration Test	IEC 68, Part 2-6
Operating Temperature Range, °C	-55 to 85
Storage Temperature Range, °C	-55 to 85
Immersion Test, unmated connectors	IEC 529:1989, IP68
Water Jetting Test, unmated connectors	IEC 529:1989, IP66

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