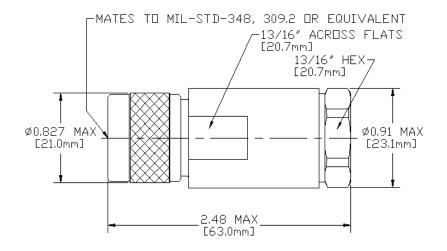




PRODUCT SPECIFICATION

L44PCW

SC for 243226, LDF4-50A, Special print Cable



CHARACTERISTICS

Com	ponents
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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

PTFE Insulator **Inner Contact Brass** Gold Plate

Coupling Nut, Knurled **Brass** Silver Plate

Brass

Body Silver Plate Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 5,000 Insulation Resistance, min, MOhms

Customer Support Center:

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PRODUCT SPECIFICATION

L44PCW

SC for 243226, LDF4-50A, Special print Cable

Electrical		
Insertion Loss, max, dB	0.05 √ frequency(GHz)	
Connector Return Loss, dB		
Mechanical		
Inner Attachment Method	Solder on	
Outer Attachment Method	Self flare	
Connector Weight, kg (lb)	0.127 (0.280)	
Pressurizable	No	
Environmental		
Moisture Resistance Test	MIL-STD-202, Method 106	
Mechanical Shock Test	MIL-STD-202, Method 213, Condition I	
Corrosion Test	MIL-STD-202, Method 101, Condition B	
Thermal Shock Test	MIL-STD-202, Method 107, Cond A-1, Low Temp -55°C	
Vibration Test	MIL-STD-202, Method 204, Condition B	
Operating Temperature Range, °C	-55 to 150	
Storage Temperature Range, °C	-70 to 150	





PRODUCT SPECIFICATION

I 44PCW

SC for 41690-107, LDF4-50A, FR Jacket, special print Cable

CHARACTERISTICS

Components

O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact **Brass**

Gold Plate

Coupling Nut, Knurled Brass

Silver Plate

Body **Brass**

Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms

0.05 √ frequency(GHz) Insertion Loss, max, dB

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

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5,000

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

Customer Support Center:

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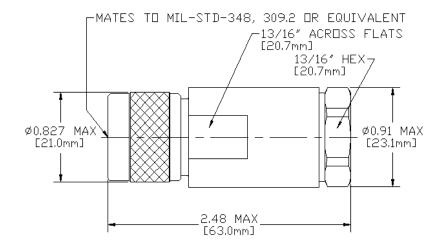




PRODUCT SPECIFICATION

L44PCW

SC for 27591-109, LDF4-50A, Special inner conductor Cable



CHARACTERISTICS

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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact

Brass Gold Plate

Coupling Nut, Knurled **Brass** Silver Plate

Body **Brass**

Silver Plate

Clamping Nut **Brass** Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

Customer Support Center:

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PRODUCT SPECIFICATION

L44PCW

SC for 27591-109, LDF4-50A, Special inner conductor Cable

Connector Return Loss, dB

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Inner Attachment Method Outer Attachment Method Connector Weight, kg (lb)

Pressurizable

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test

Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

Solder on

Self flare

0.127 (0.280)

MIL-STD-202, Method 204, Condition B

-55 to 150 -70 to 150

CHARACTERISTICS

Components

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PRODUCT SPECIFICATION

I 44PCW

SC for 27591-129, LDF4-50A, Special manufacturing process Cable

Components

O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE
Inner Contact Brass
Gold Plate

Coupling Nut, Knurled Brass
Silver Plate

Body Brass

Silver Plate
Clamping Nut Brass

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

8.8

Insulation Registered min MOhms

5.000

Insulation Resistance, min, MOhms 5,000
Insertion Loss, max, dB 0.05 $\sqrt{\ f}$

Connector Return Loss, dB

0.05 √ frequency(GHz)

Mechanical

Inner Attachment Method Solder on
Outer Attachment Method Self flare
Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable No

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

Customer Support Center:

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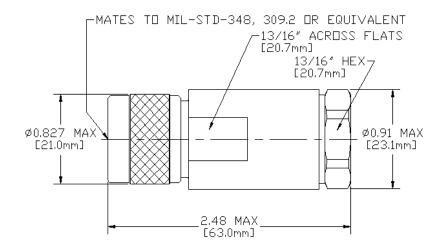




PRODUCT SPECIFICATION

L44PCW

SC for 41690-74, LDF4RN-50A, VSWR Selected Cable



CHARACTERISTICS

Components	S
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O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE Inner Contact Brass

Gold Plate

Coupling Nut, Knurled Brass Silver Plate

Body Brass

Silver Plate

Clamping Nut Brass
Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB 0.05 $\sqrt{\text{frequency(GHz)}}$

Customer Support Center:

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PRODUCT SPECIFICATION

L44PCW

SC for 41690-74, LDF4RN-50A, VSWR Selected Cable

Connector Return Loss, dB

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Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test

Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

MIL-STD-202, Method 204, Condition B

-55 to 150 -70 to 150

CHARACTERISTICS

Components

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PRODUCT SPECIFICATION

I 44PCW

SC for HL4RP-50, Air dielectric, Plenum rated Cable

Comp	onents
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O-Ring Silicone Rubber Silicone Rubber O-Ring Phosphor Bronze Spring Retaining Ring

PTFE Insulator Inner Contact **Brass** Gold Plate

Coupling Nut, Knurled **Brass**

Silver Plate Body

Brass

Silver Plate

Clamping Nut **Brass** Silver Plate

Electrical

8.8 Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

International: +1-708-873-2307

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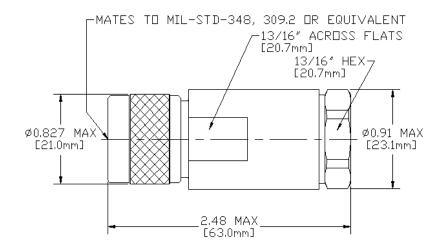




PRODUCT SPECIFICATION

L44PCW

SC for HL4RP-50-S01, HL4RP-50, Special jacket, print Cable



CHARACTERISTICS

Components	S
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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact **Brass**

Gold Plate Coupling Nut, Knurled **Brass**

Silver Plate

Body **Brass**

Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

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PRODUCT SPECIFICATION

I 44PCW

SC for HL4RP-50-S01, HL4RP-50, Special jacket, print Cable

Connector Return Loss, dB

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Inner Attachment Method Outer Attachment Method Connector Weight, kg (lb)

Pressurizable

Solder on

Self flare 0.127 (0.280)

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

MIL-STD-202, Method 204, Condition B

-55 to 150 -70 to 150

CHARACTERISTICS

Components

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PRODUCT SPECIFICATION

L44PCW

SC for HL4RP-50-S02, HL4RP-50, Specialjacket, print Cable

Comp	onents
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O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE
Inner Contact Brass
Gold Plate

Coupling Nut, Knurled Brass

Silver Plate
Body Brass

Brass Silver Plate

Clamping Nut Brass

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8

Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB 0.05 √ frequency(GHz)

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on
Outer Attachment Method Self flare
Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

INO

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

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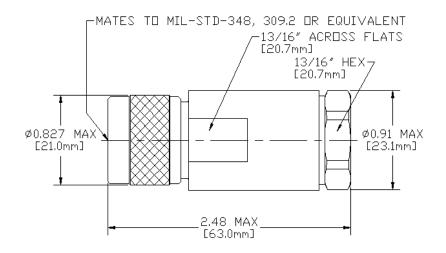




PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A, Low Density Foam Dielectric Cable



CHARACTERISTICS

Components	S
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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact **Brass**

Gold Plate Coupling Nut, Knurled **Brass**

Silver Plate

Body **Brass**

Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

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PRODUCT SPECIFICATION

I 44PCW

SC for LDF4-50A, Low Density Foam Dielectric Cable

Connector Return Loss, dB

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Inner Attachment Method Outer Attachment Method Connector Weight, kg (lb)

Pressurizable

Solder on

Self flare 0.127 (0.280)

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

MIL-STD-202, Method 204, Condition B

-55 to 150

-70 to 150

CHARACTERISTICS

Components

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PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A-S01, LDF4-50A, Special Jacket Cable

Components

O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE Inner Contact Brass

ner Contact Brass
Gold Plate

Coupling Nut, Knurled Brass
Silver Plate

Body Brass

Silver Plate

Clamping Nut Brass

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB 0.05 √ frequency(GHz)

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on
Outer Attachment Method Self flare
Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I
Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

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Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

Customer Support Center:

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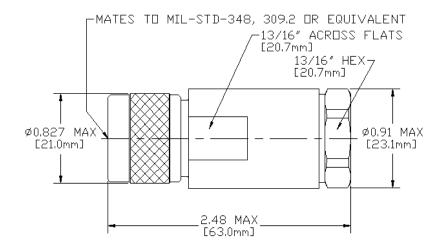




PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A-S02, LDF4-50A, Special Jacket, VSWR Selected Cable



CHARACTERISTICS

Coupling Nut, Knurled

Components

O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE
Inner Contact Brass
Gold Plate

Brass Silver Plate

Body Brass

Clamping Nut Brass
Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

Customer Support Center:

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PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A-S02, LDF4-50A, Special Jacket, VSWR Selected Cable

Electrical		
Insertion Loss, max, dB 0.05 √ frequency(GHz)		
Connector Return Loss, dB		
Mechanical		
Inner Attachment Method	Solder on	
Outer Attachment Method	Self flare	
Connector Weight, kg (lb)	0.127 (0.280)	
Pressurizable	No	
Environmental		
Moisture Resistance Test	MIL-STD-202, Method 106	
Mechanical Shock Test	MIL-STD-202, Method 213, Condition I	
Corrosion Test	MIL-STD-202, Method 101, Condition B	
Thermal Shock Test	MIL-STD-202, Method 107, Cond A-1, Low Temp	
	-55°C	
Vibration Test	MIL-STD-202, Method 204, Condition B	
Operating Temperature Range, °C	-55 to 150	
Storage Temperature Range, °C	-70 to 150	





PRODUCT SPECIFICATION

I 44PCW

SC for LDF4-50A-S03, LDF4-50A, Special Jacket Cable

CHARACTERISTICS

Components

O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE Inner Contact** Brass Gold Plate

Coupling Nut, Knurled Brass

Silver Plate

Body Brass

Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8

Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB

Connector Return Loss, dB

0.05 frequency(GHz)

Mechanical

Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable No

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

Customer Support Center:

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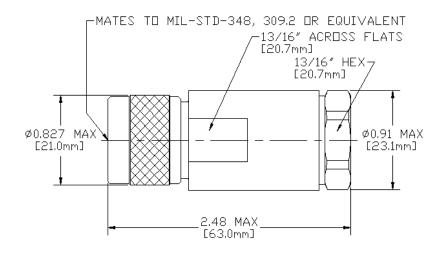




PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S1, LDF4RN-50A, Special jacket Cable



CHARACTERISTICS

Components	S
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O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE Inner Contact Brass

Gold Plate
Coupling Nut, Knurled Brass

Silver Plate

Body Brass

Silver Plate

Clamping Nut Brass
Silver Pl

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB 0.05 $\sqrt{\text{frequency(GHz)}}$

Customer Support Center:

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PRODUCT SPECIFICATION

I 44PCW

SC for LDF4RN-50A-S1, LDF4RN-50A, Special jacket Cable

Connector Return Loss, dB

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Inner Attachment Method Outer Attachment Method Connector Weight, kg (lb)

Pressurizable

Solder on

Self flare 0.127 (0.280)

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test

Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

MIL-STD-202, Method 204, Condition B

-55 to 150 -70 to 150

CHARACTERISTICS

Components

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PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S2, LDF4RN-50A, Special jacket Cable

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O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE
Inner Contact Brass
Gold Plate

Coupling Nut, Knurled Brass
Silver Plate

Body Brass

Silver Plate

Clamping Nut Brass
Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8

Insulation Resistance, min, MOhms 5,000

Insertion Loss, max, dB 0.05 √ frequency(GHz)

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on
Outer Attachment Method Self flare
Connector Weight, kg (lb) 0.127 (0.280)

Pressurizable

______ Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, $^{\circ}$ C -55 to 150 Storage Temperature Range, $^{\circ}$ C -70 to 150

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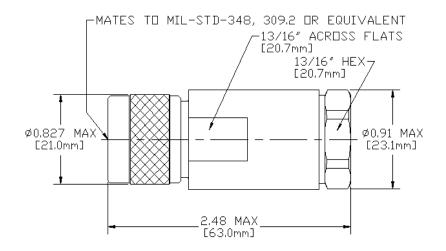




PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S3, LDF4RN-50A, per Ericsson's spec's Cable



CHARACTERISTICS

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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact **Brass** Gold Plate Coupling Nut, Knurled **Brass**

Silver Plate

Silver Plate

Body Brass Silver Plate Clamping Nut **Brass**

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

Customer Support Center:

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PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S3, LDF4RN-50A, per Ericsson's spec's Cable

Electrical		
Insertion Loss, max, dB	0.05 √ frequency(GHz)	
Connector Return Loss, dB		
Mechanical		
Inner Attachment Method	Solder on	
Outer Attachment Method	Self flare	
Connector Weight, kg (lb)	0.127 (0.280)	
Pressurizable	No	
Environmental		
Moisture Resistance Test	MIL-STD-202, Method 106	
Mechanical Shock Test	MIL-STD-202, Method 213, Condition I	
Corrosion Test	MIL-STD-202, Method 101, Condition B	
Thermal Shock Test	MIL-STD-202, Method 107, Cond A-1, Low Temp	
	-55°C	
Vibration Test	MIL-STD-202, Method 204, Condition B	
Operating Temperature Range, °C	-55 to 150	
Storage Temperature Range, °C	-70 to 150	





PRODUCT SPECIFICATION

I 44PCW

SC for LDF4-50A-S2, LDF4-50A, Special Jacket, VSWR Selected Cable

CHARACTERISTICS

Components

O-Ring Silicone Rubber Silicone Rubber O-Ring Spring Retaining Ring Phosphor Bronze

Insulator **PTFE Inner Contact Brass** Gold Plate

Coupling Nut, Knurled **Brass**

Silver Plate

Body **Brass** Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280) No

Pressurizable

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

8.8

Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

Customer Support Center:

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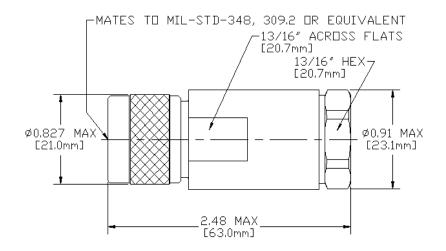




PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S4, LDF4RN-50A, per Lucent WP93807 List 3 Cable



CHARACTERISTICS

Cor	mn	on	en [·]	ts

O-Ring Silicone Rubber
O-Ring Silicone Rubber
Spring Retaining Ring Phosphor Bronze

Insulator PTFE
Inner Contact Brass
Gold Plate
Coupling Nut, Knurled Brass

Silver Plate

Body Brass
Silver Plate
Clamping Nut Brass
Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

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PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S4, LDF4RN-50A, per Lucent WP93807 List 3 Cable

Electrical		
Insertion Loss, max, dB	0.05 √ frequency(GHz)	
Connector Return Loss, dB		
Mechanical		
Inner Attachment Method	Solder on	
Outer Attachment Method	Self flare	
Connector Weight, kg (lb)	0.127 (0.280)	
Pressurizable	No	
Environmental		
Moisture Resistance Test	MIL-STD-202, Method 106	
Mechanical Shock Test	MIL-STD-202, Method 213, Condition I	
Corrosion Test	MIL-STD-202, Method 101, Condition B	
Thermal Shock Test	MIL-STD-202, Method 107, Cond A-1, Low Temp -55°C	
Vibration Test	MIL-STD-202, Method 204, Condition B	
Operating Temperature Range, °C	-55 to 150	
Storage Temperature Range, °C	-70 to 150	





PRODUCT SPECIFICATION

I 44PCW

SC for LDF4-50A-S04, LDF4-50A, VSWR Selected, Special Jacket Cable

CHARACTERISTICS

Components

O-Ring Silicone Rubber Silicone Rubber O-Ring Spring Retaining Ring Phosphor Bronze

Insulator **PTFE Inner Contact Brass** Gold Plate

Coupling Nut, Knurled **Brass** Silver Plate

Body **Brass**

Silver Plate Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz

Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

Connector Return Loss, dB

Mechanical

Inner Attachment Method Solder on Outer Attachment Method Self flare Connector Weight, kg (lb) 0.127 (0.280) No

Pressurizable

Environmental

Moisture Resistance Test MIL-STD-202, Method 106

Mechanical Shock Test MIL-STD-202, Method 213, Condition I Corrosion Test MIL-STD-202, Method 101, Condition B

Thermal Shock Test MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

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Vibration Test MIL-STD-202, Method 204, Condition B

Operating Temperature Range, °C -55 to 150 Storage Temperature Range, °C -70 to 150

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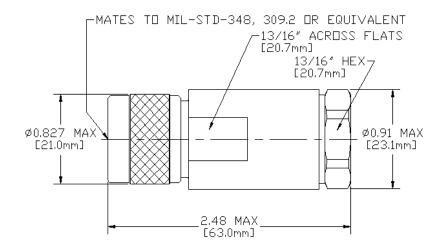




PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A, Low Density Foam Dielectric Cable



CHARACTERISTICS

Components	S
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O-Ring Silicone Rubber O-Ring Silicone Rubber Spring Retaining Ring Phosphor Bronze

Insulator **PTFE** Inner Contact **Brass**

Gold Plate

Coupling Nut, Knurled **Brass** Silver Plate

Body **Brass** Silver Plate

Clamping Nut **Brass**

Silver Plate

Electrical

Recommended Maximum Operating Frequency, GHz 8.8 Insulation Resistance, min, MOhms 5,000

0.05 v frequency(GHz) Insertion Loss, max, dB

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January 17, 2002





PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A, Low Density Foam Dielectric Cable

Connector Return Loss, dB

1\ /1	α	nan	ical

Inner Attachment Method Outer Attachment Method Connector Weight, kg (lb)

Pressurizable

Environmental

Moisture Resistance Test Mechanical Shock Test Corrosion Test

Thermal Shock Test

Vibration Test

Operating Temperature Range, °C Storage Temperature Range, °C

MIL-STD-202, Method 106

MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 101, Condition B

MIL-STD-202, Method 107, Cond A-1, Low Temp

-55°C

MIL-STD-202, Method 204, Condition B

-55 to 150 -70 to 150

Solder on

Self flare

0.127 (0.280)

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