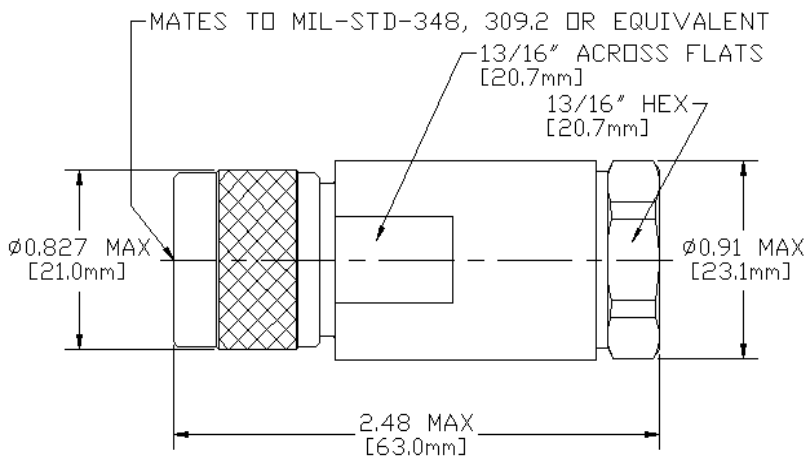


Connector

PRODUCT SPECIFICATION

L44PCW

SC for 243226, LDF4-50A, 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	8.8
Insulation Resistance, min, MOhms	5,000

Customer Support Center:

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

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Connector

PRODUCT SPECIFICATION

L44PCW

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

Electrical

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

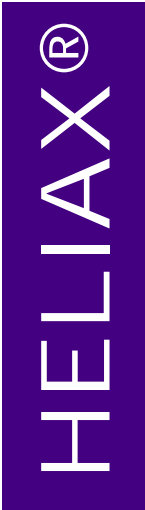
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Connector

PRODUCT SPECIFICATION

L44PCW

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	8.8
Insulation Resistance, min, MOhms	5,000
Insertion Loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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

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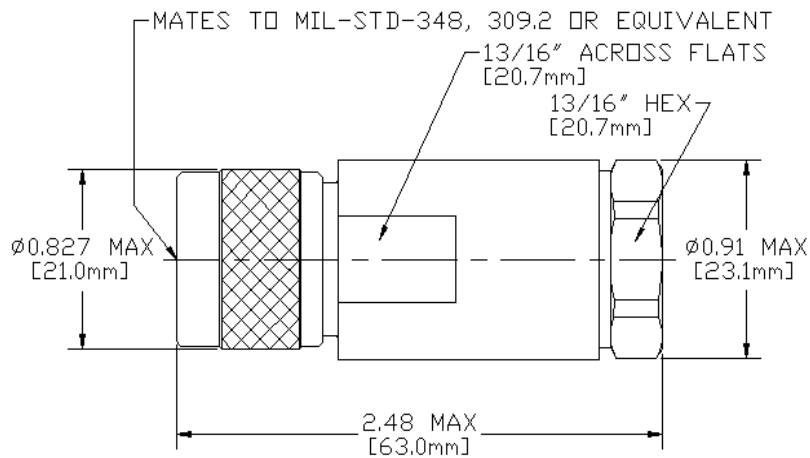
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for 27591-109, LDF4-50A, Special inner conductor 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	0.05 $\sqrt{\text{frequency(GHz)}}$

Customer Support Center:

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Connector

PRODUCT SPECIFICATION

L44PCW

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

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

CHARACTERISTICS

Components

Customer Support Center:

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Connector



PRODUCT SPECIFICATION

L44PCW

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 Resistance, min, MOhms	5,000
Insertion Loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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International: +1-708-873-2307

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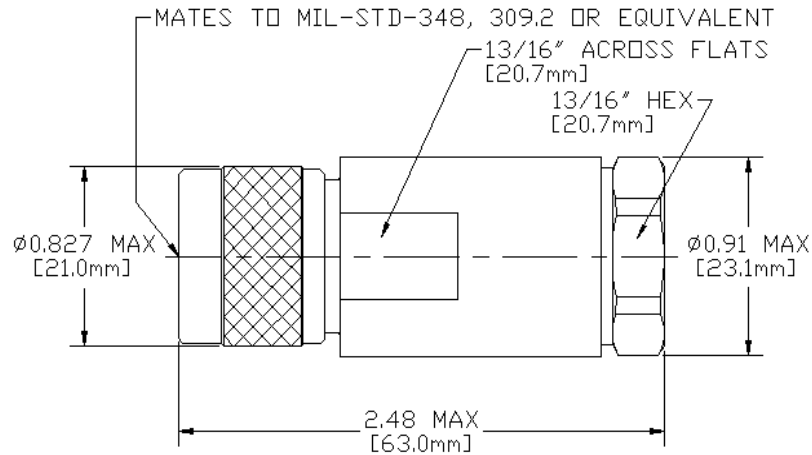
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for 41690-74, LDF4RN-50A, VSWR Selected 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	0.05 $\sqrt{\text{frequency(GHz)}}$

Customer Support Center:

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Connector

PRODUCT SPECIFICATION



L44PCW

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

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

CHARACTERISTICS

Components

Customer Support Center:

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Connector

PRODUCT SPECIFICATION



L44PCW

SC for HL4RP-50, Air dielectric, Plenum rated 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 Resistance, min, MOhms	5,000
Insertion Loss, max, dB	$0.05 \sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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International: +1-708-873-2307

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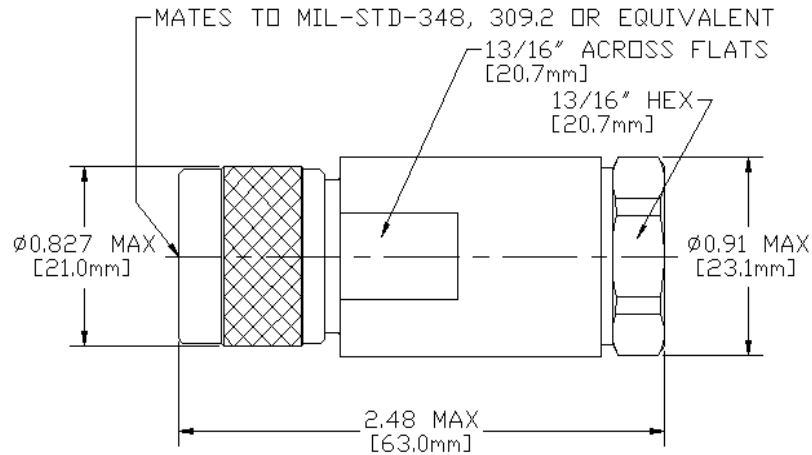
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for HL4RP-50-S01, HL4RP-50, Special jacket, 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	8.8
Insulation Resistance, min, MOhms	5,000
Insertion Loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$

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Connector

PRODUCT SPECIFICATION

L44PCW

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

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

CHARACTERISTICS

Components

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Connector

PRODUCT SPECIFICATION

L44PCW

SC for HL4RP-50-S02, HL4RP-50, Specialjacket, print 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 Resistance, min, MOhms	5,000
Insertion Loss, max, dB	$0.05 \sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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International: +1-708-873-2307

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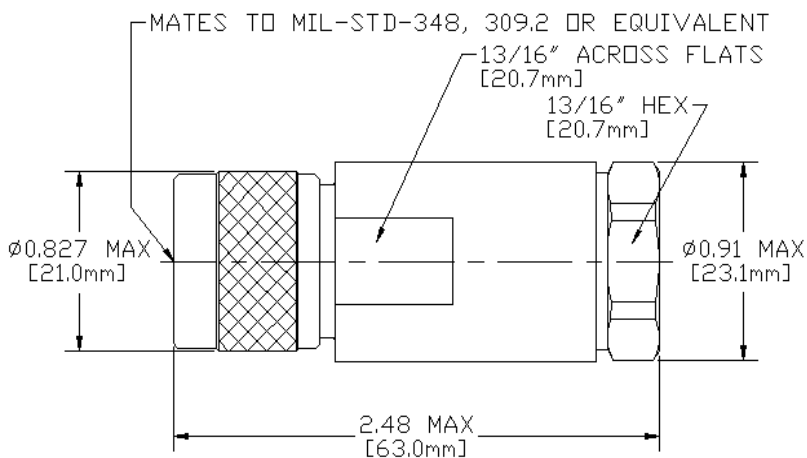
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A, Low Density Foam Dielectric 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	0.05 √ frequency(GHz)

Customer Support Center:

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Connector

PRODUCT SPECIFICATION

L44PCW

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

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

CHARACTERISTICS

Components

Customer Support Center:

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Connector



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 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 $\sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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International: +1-708-873-2307

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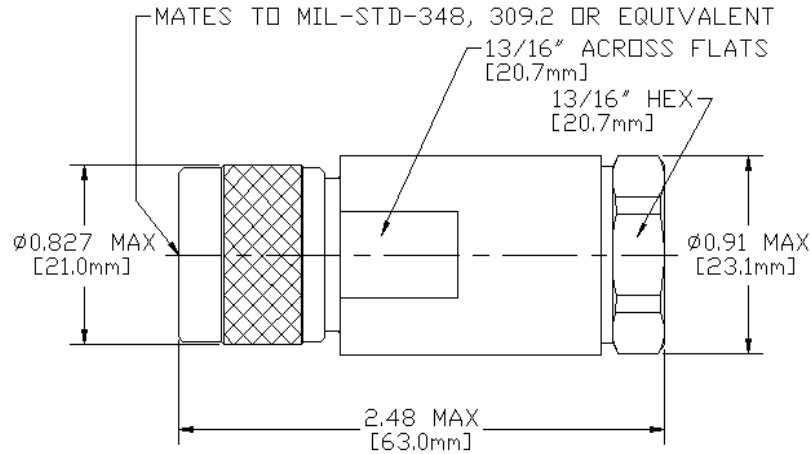
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Connector

PRODUCT SPECIFICATION

L44PCW

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

Customer Support Center:

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Connector

PRODUCT SPECIFICATION

L44PCW

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

Electrical

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

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Connector

PRODUCT SPECIFICATION

L44PCW

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	$0.05 \sqrt{\text{frequency(GHz)}}$
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

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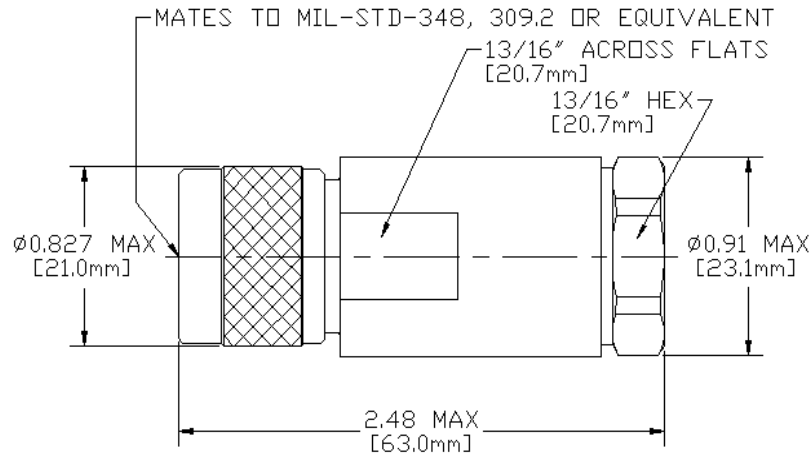
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S1, LDF4RN-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	0.05 $\sqrt{\text{frequency(GHz)}}$

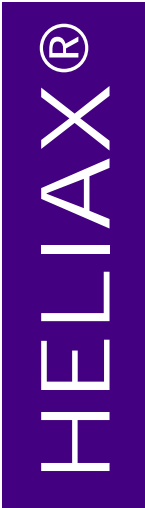
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Connector

PRODUCT SPECIFICATION

L44PCW

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

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

CHARACTERISTICS

Components

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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A-S2, LDF4RN-50A, Special jacket 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 Resistance, min, MOhms	5,000
Insertion Loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$
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

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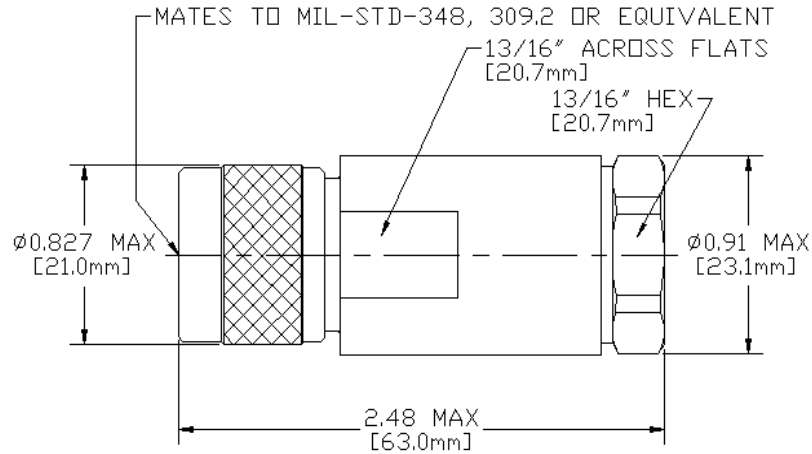
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Connector

PRODUCT SPECIFICATION

L44PCW

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

Customer Support Center:

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

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Connector

PRODUCT SPECIFICATION

L44PCW

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

Electrical

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

Customer Support Center:

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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A-S2, LDF4-50A, Special Jacket, VSWR Selected 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	0.05 $\sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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

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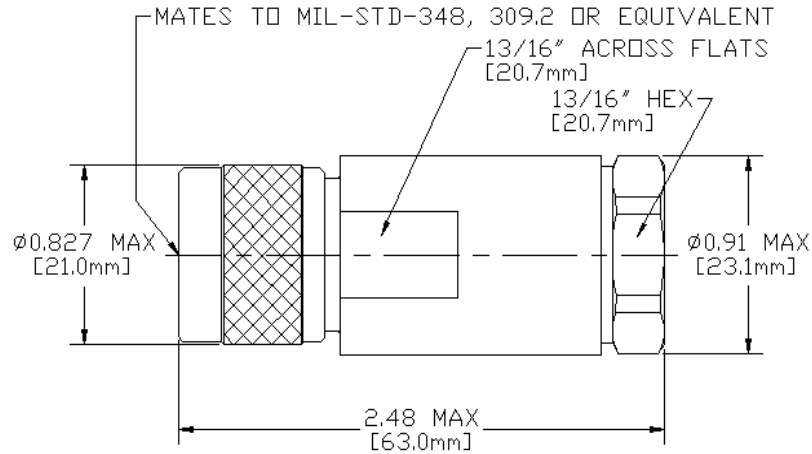
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Connector

PRODUCT SPECIFICATION

L44PCW

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

Customer Support Center:

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International: +1-708-873-2307

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Connector

PRODUCT SPECIFICATION

L44PCW

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

Electrical

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

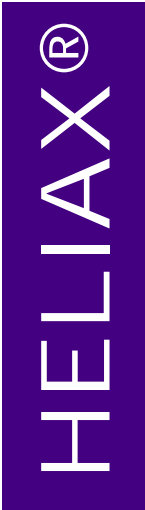
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4-50A-S04, LDF4-50A, VSWR Selected, 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	0.05 $\sqrt{\text{frequency(GHz)}}$
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

Customer Support Center:

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International: +1-708-873-2307

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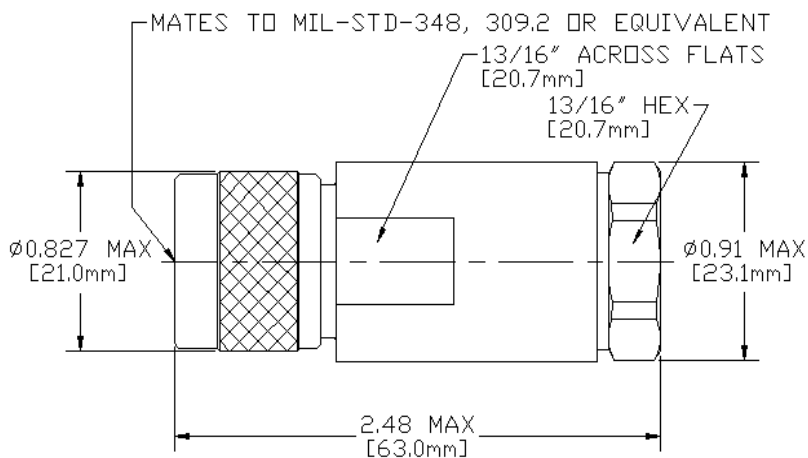
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Connector

PRODUCT SPECIFICATION

L44PCW

SC for LDF4RN-50A, Low Density Foam Dielectric 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	0.05 $\sqrt{\text{frequency(GHz)}}$

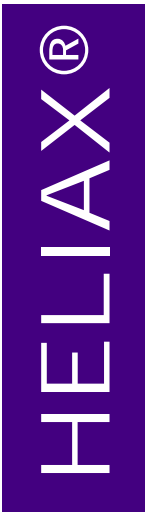
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International: +1-708-873-2307

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Connector

PRODUCT SPECIFICATION

L44PCW

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

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

Customer Support Center:

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