



## Summary

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Number of contacts	8
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 8.00 mm
Size	5S
Matching parts	<a href="#">ERA.5S.438.CLL</a>
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Contact Termination High voltage	Solder
Insert configuration value	5S.438 - 8 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Test voltage LV Ue (kV rms)	-
Working voltage HV contact - Us (kV rms)	2.1
Contact Type	Solder
Number of contacts	8

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-5s-438-clac82.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-5s-438-clac82.html)

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## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Weight	356.01 g

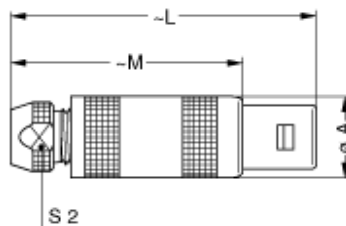
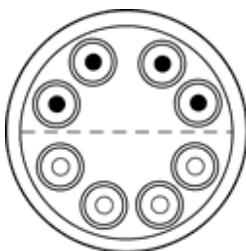
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.10 - 8.00 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-5s-438-clac82.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-5s-438-clac82.html)

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## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S2</b>
mm.	35	103	78	29
in.	1.38	4.06	3.07	1.14

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