

Standard

*Image for illustrative purpose only*

## Summary

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SE series

[Customer Drawing](#)

Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2S
Suggested matching part	<a href="#">ERA.2S.308.CLL</a>
Series	S - Indoor Stepped Insert

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	2S.308 - 8 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage (kV DC)	1.2
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	30 - 22

## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet and nut for fitting a bend relief
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
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	33.14 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.30 - 7.20 mm

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BFG.2B.100.PCSG</a>
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## Cables

Cable PartNumber	Material	Colour	Cable image
108220	PVC	Black	
280250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-308-clac72z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-308-clac72z.html)

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