



## Summary

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Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 11.00 mm
Size	5S
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	5S.250 - 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	45 Amps
Impedance	50 Ohm
VSWR	1.02 + 2.3 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Cable type	Cable type: A RG 214 /U, RG 216 /U, RG 225 /U S
Contact Dia.	5 mm (0.197in)

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pca-5s-250-cllc11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-5s-250-cllc11.html)

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## Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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	Circular, female
Weight	374.26 g

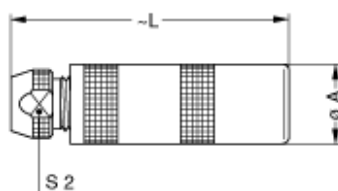
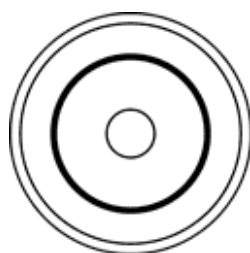
## Environment

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]	10.10 - 11.00 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pca-5s-250-cllc11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-5s-250-cllc11.html)

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# Dimensions

	A	L	S2
mm.	34.7	99	29
in.	1.37	3.9	1.14