



*Image for illustrative purpose only*

## Summary

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[Catalog](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.80 - 10.50 mm
Size	3S
Suggested matching part	<a href="#">FFA.3S.250.CTAC11</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-3s-250-ctlc11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-250-ctlc11.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	3S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	26 A
Impedance	50 Ohm
OHM	50
VSWR	1.06 + 0.5 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Cable type	RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U
Bucket Dia.	2.7 mm (0.106in)
Contact Dia.	3 mm (0.118in)

## Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
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
Colour	Grey
Weight	52.13 g

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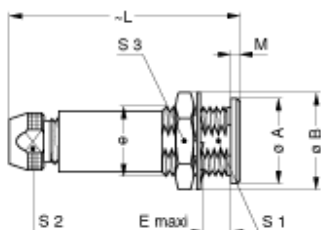
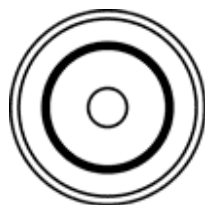
## Environment

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
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]	9.80 - 10.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	22	25.2	M18x1.0	11.5	59	2	16.5	14	22
in.	0.87	0.99		0.45	2.32	0.08	0.65	0.55	0.87

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# Recommended By Lemo

## Accessories

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Compatible cap [BRA.3B.200.PCSG](#)

## Tools

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Spanner wrench [DCP.91.023.TN](#)

# Cables

Cable PartNumber	Material	Colour	Cable image
213000	PE	Black	
311100	PVC	Black	
CCX.50.RG2.13U10N	PE	Black	
CCX.75.RG0.11AU10N	PVC	Black	

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