



## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 8.70 mm
Size	2S
Matching parts	<a href="#">FFA.2S.250.CTAC87</a>
Series	S - Indoor Stepped Insert

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	2S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	15 Amps
Impedance	50 Ohm
VSWR	1.02 + 0.95 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Cable type	Cable type: A RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408 S
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)

## 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, male
Weight	29.78 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
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

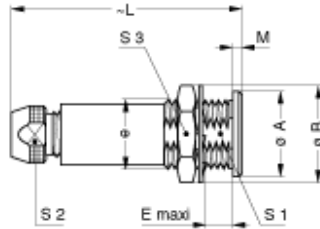
[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.30 - 8.70 mm

## Drawings



## Dimensions

	A	B	e	E	L	M	S1	S2	S3	C
mm.	18	19.5	M15x1.0	8.5	50	1.8	13.5	11	17	8.5
in.	0.71	0.77		0.33	1.97	0.07	0.53	0.43	0.67	0.33

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-250-ctac87.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.