



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.30 - 4.20 mm
Size	2S
Suggested matching part	<a href="#">FFA.2S.675.CTAC42Z</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-675-ctlc42z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-675-ctlc42z.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.

# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	2S.675 - 1 Triax (75 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	75 Ohm
VSWR	1.02 + 0.07 * f/GHz
Vtest	1200 V (AC), 1700 V (DC)
Contact Type	Solder
Cable type	Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, RGT 179

## 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
Variant	Nut for fitting a bend relief
Weight	33.51 g

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-675-ctlc42z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-675-ctlc42z.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.

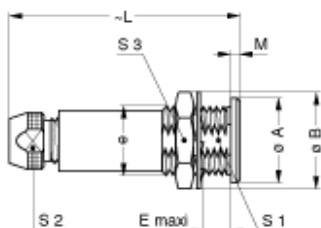
## Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.30 - 4.20 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>	<b>C</b>
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-675-ctlc42z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-675-ctlc42z.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.