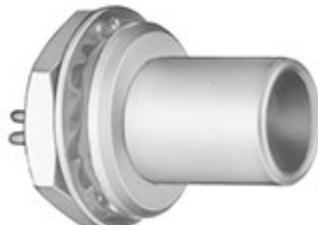


## Standard

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[Catalog](#)

Nb of contacts Triax	1
Plug	Plug - Fixed
Locking system	Snap-on
Size	0S
Suggested matching part	<a href="#">PCA.0S.650.CLLC32</a>
Series	S - Indoor Stepped Insert

# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	05.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohms
VSWR	$1.03 + 0.34 * f/\text{GHz}$
Vtest	1200 V (AC), 1700 V (DC)
Cable type	RGT 178, RGT 174
Bucket Dia.	0.8
Contact Dia.	0.9 mm (0.035" in)

## Form & Material

Shell style / Model id	FAA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	Circular, female
Colour	Grey
Weight	5.06 g

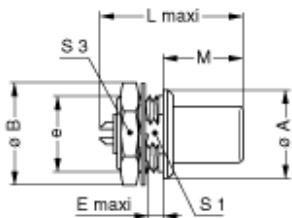
[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/faa-0s-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-0s-650-ctl.html)

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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 (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

## Drawings



## Dimensions

	<b>M</b>	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>S1</b>	<b>S3</b>
mm.	11.2	10	12.5	M9x0.6	2	18.5	8.2	11
in.	0.44	0.39	0.49			0.08	0.32	0.43

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/faa-0s-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-0s-650-ctl.html)

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