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Summary

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Nb of contacts Triax	1
Plug	Plug - Fixed
Locking system	Snap-on
Size	1S
Suggested matching part	PCA.1S.650.CTLC32
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-1s-650-cta.html

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Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	1S.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
OHM	50
VSWR	$1.01 + 0.17 * f/\text{GHz}$
Vtest	1200 V (AC), 1700 V (DC)
Contact Type	Triaxial 50 Ohm (Solder)
Cable type	RGT 178, RGT 174,Belden 9222
Bucket Dia.	0.8
Contact Dia.	0.9 mm (0.035in)

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, male
Colour	Grey
Weight	9.88 g

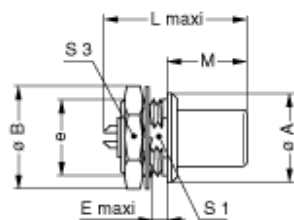
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Environment

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

Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	14	16	M12x1.0	2.5	22.5	12.5	10.5	14
in.	0.55	0.63		0.1	0.89	0.49	0.41	0.55

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