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Summary

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Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2S
Suggested matching part	FFA.2S.650.CTAC72
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-650-ctlc72.html

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Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	2S.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	12 A
Impedance	50 Ohm
OHM	50
VSWR	1.01 + 0.3 * f/GHz
Vtest	1200 V (AC), 1700 V (DC)
Cable type	RGT 174,Belden 9222,8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE
Bucket Dia.	1.4
Contact Dia.	1.6 mm (0.063in)

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	30.83 g

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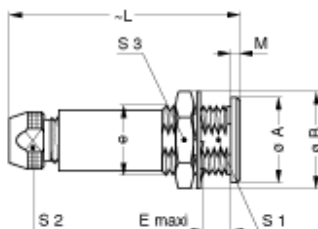
Environment

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 (max. temperature valid for short periods of use.)
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]	6.30 - 7.20 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

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Recommended By Lemo

Accessories

Compatible cap	BRA.2B.200.PCSG
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