

Standard



*Image for illustrative purpose only*

## Summary

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Coax triax mixed en

Nb of contacts Coax	1
Locking system	Push-pull
Size	1S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/swh-1s-250-clmpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swh-1s-250-clmpv.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Insert configuration value	1S.250 - 1 Coax (50 Ohm)
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Impedance	50 Ohms
VSWR	1.01 + 0.23 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Cable type	RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U
Contact Dia.	1.6 mm (0.06in)

## Form & Material

Shell style / Model id	SWH - Fixed coupler, nut fixing, watertight or vacuum-tight
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	Watertight / Vacuum-tested unmated (connector to device)
Weight	19.37 g

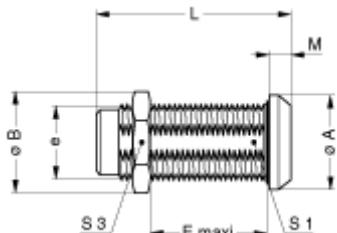
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## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +100°C
Climatic Category	20/80/21
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]
Pressure	60 bars
R leak (He) (max)	10 <sup>-7</sup> mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>
mm.	17	16	M12x1.0	28	39	2.5	10.5	14
in.	0.67	0.63		1.1	1.54	0.1	0.41	0.55

## Recommended By Lemo

### Accessories

Compatible cap

[BRE.1S.200.NAS](#)

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