

*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Coax	1
Locking system	Push-pull
Size	0S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.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 Coax	1
Contact Termination Coax	Crimp
Insert configuration value	0S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
OHM	50
VSWR	1.02 + 0.25 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm
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.	0.9 mm (0.04in)

## Form & Material

Housing material	Stainless steel 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	12.9 g

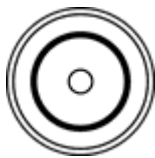
[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.html)

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)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +100°C
Climatical 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)	0.0000001 mbar*/s (if vacuum-tested)
<b>Cable fixation</b>	
Cable termination protection	Standard back nut (no additional protection)

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swb-0s-250-stmpv.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.