



Image for illustrative purpose only

Summary

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

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swh-0s-650-ctmpv.html

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Technical details

Electrical Configuration

Nb of contacts Triax	1
Insert configuration value	0S.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
OHM	50
VSWR	$1.03 + 0.34 * f/\text{GHz}$
Vtest	1200 V (AC), 1700 V (DC)
Contact Type	Triaxial 50 Ohm
Cable type	RGT 178, RGT 174
Contact Dia.	0.9 mm (0.04in)

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	13.33 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
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)
Salt Spray Corrosion	>1000 hr

Recommended By Lemo

Accessories

Compatible cap [BRE.0S.200.NAS](#)

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