



*Image for illustrative purpose only*

## Summary

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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/fta-1s-250-ctf.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fta-1s-250-ctf.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Insert configuration value	1S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	12 A
OHM	50
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

## Form & Material

Shell style / Model id	FTA - T-plug with two in line receptacles
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	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	30.01 g

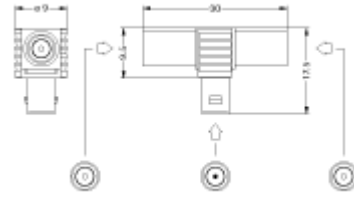
## Environment

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

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# Drawings



## Dimensions

	<b>I</b>	<b>L</b>	<b>A</b>	<b>H</b>
mm.	16.5	45	16	26.5
in.	0.65	1.77	0.63	1.04

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