



Image for illustrative purpose only

## Summary

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[Coax triax mixed en](#)

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[Customer Drawing](#)

Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Size	2B
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ffs-2b-250-dlle21.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ffs-2b-250-dlle21.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Impedance	50 Ohms

## Form & Material

Shell style / Model id	FF - Straight plug, non-latching, cable collet
Plug	Straight
Housing material	Brass (gold plated [ISO 27874]) shell, collet nut, brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	3.8 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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]

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Crimp

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