



*Image for illustrative purpose only*

## Summary

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[03 Series en](#)

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[Customer Drawing](#)

Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Threaded
Size	3
Suggested matching part	<a href="#">HVP.03.250.CLLP</a>

[https://www.lemo.com/int\\_en/fvn-03-250-clac27z.html](https://www.lemo.com/int_en/fvn-03-250-clac27z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	03.250 - 1 Coax (50 Ohm)
Rated current	4 A
Impedance	50 Ohms

## Form & Material

Shell style / Model id	FVN - Straight plug (coaxial) with cable collet and nut for fitting a bend relief
Plug	Straight
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	Threaded
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	8.25 g

## Environment

Environmental sealing (IP rating)	IP68
Temperature range	-20°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	100 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	60 bars (120 bars with LEMO cable assembly)
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet

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