

Special



*Image for illustrative purpose only*

## Summary

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Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Size	00
Series	00 - NIM-CAMAC

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/frt-00-250-nta50.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/frt-00-250-nta50.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
R (max)	6.1 mOhm
Insert configuration value	00.250/50 - 1 Coax (50 Ohm resistor)
Insulator	T: PTFE
Rated current	4 A
Impedance	50 Ohms
VSWR	$1.09 + 0.11 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Test voltage	2.1 kV (rms)
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)

## Form & Material

Shell style / Model id	FRT - Straight plug with resistor or shorted
Plug	Straight
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	4.43 g

## Environment

Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +260°C (max. temperature valid for short periods of use.)
F ret (min)	100 N
Salt Spray Corrosion	>144 hr

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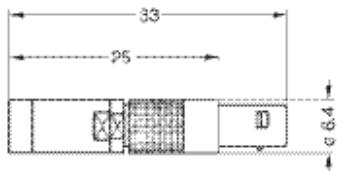
## Cable fixation

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

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## Drawings



## Dimensions

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	A	L
mm.	6.4	33
in.	0.25	1.3

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