



Summary

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Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 1.70 mm
Matching parts	ERN.00.250.GTL
Series	00 - NIM-CAMAC

Technical details

Electrical Configuration

Coax	1
Contact Termination Coax	Solder
R (max)	6.1 mOhm
Insert configuration value	0.25 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	4 Amps
Impedance	50 Ohm
VSWR	$1.09 + 0.11 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
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	FFA - Straight plug with cable collet
Plug	Straight
Housing material	PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Weight	2.06 g

Environment

Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +250°C
F ret (min)	100 N

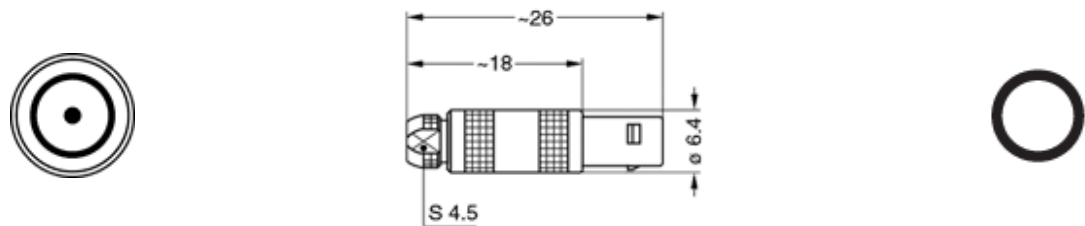
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	1.30 - 1.70 mm

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-gtac17.html

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Drawings



Dimensions

	A	L	M
mm.	6.4	26	18
in.	0.25	1.02	0.71