



Summary

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Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 10.00 mm
Size	4S
Matching parts	ERA.4S.250.CTL
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-250-ctac10.html

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Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	4S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	36 Amps
Impedance	50 Ohm
VSWR	$1.01 + 1.9 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Cable type	Cable type: A RG 214 /U, RG 216 /U, RG 225 /U, RG 225 /U, RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U S
Bucket Dia.	3.7 mm (0.146in)
Contact Dia.	4 mm (0.157in)

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
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	Push-pull
Keying	Circular, male
Weight	144.27 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-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

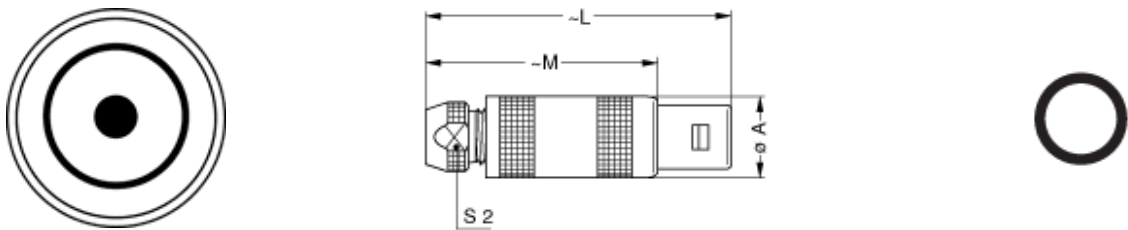
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 10.00 mm

Drawings



Dimensions

	A	M	S2	L
mm.	24.8	59	19	77
in.	0.98	2.32	0.75	3.03