



Image for illustrative purpose only

Summary

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Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2S
Suggested matching part	FFA.2S.275.CTAC72
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-2s-275-ctlc72.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	2S.275 - 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated current	12 A
Impedance	75 Ohm
OHM	75
VSWR	$1.02 + 0.03 * f/\text{GHz}$
Vtest	1500 V (AC), 2100 V (DC)
Cable type	RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)

Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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, female
Colour	Grey
Weight	35.32 g

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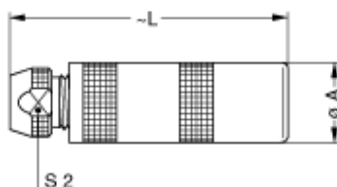
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.30 - 7.20 mm

Drawings



Dimensions

	A	L	S2	C
mm.	14.8	50	11	8.5
in.	0.58	1.97	0.43	0.33

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Recommended By Lemo

Accessories	
Compatible cap	BRF.2S.200.NAS