

Standard



Image for illustrative purpose only

Summary

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Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.20 - 3.20 mm
Size	1S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-1s-250-ctac32.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	1S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	12 A
Impedance	50 Ohms
VSWR	1.01 + 0.23 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Cable type	RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)

Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
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
Colour	Grey
Weight	16.17 g

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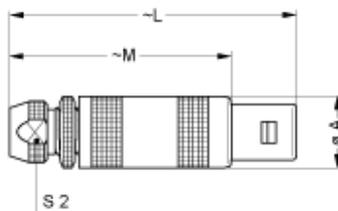
Environment

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.)
Climatic Category	55/175/21
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]	2.20 - 3.20 mm

Drawings



Dimensions

	L	M	S2	A
mm.	45	34	8.5	12
in.	1.77	1.34	0.33	0.47

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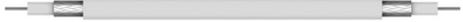
Recommended By Lemo

Accessories

Compatible cap

[BFG.1B.100.PCZG](#)

Cables

Cable PartNumber	Material	Colour	Cable image
17420	PVC	Black	
17450	COPOLYMER	Black	
18700	PTFE	White	
18800	PTFE	White	
31600	PTFE	Brown	
CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	

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