



Image for illustrative purpose only

Summary

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Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 5.50 mm
Size	2E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/psa-2e-250-ctlc55.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	2E.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	15 A
Impedance	50 Ohm
OHM	50
VSWR	$1.02 + 0.95 * f/\text{GHz}$
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Solder
Cable type	RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Weight	62.86 g

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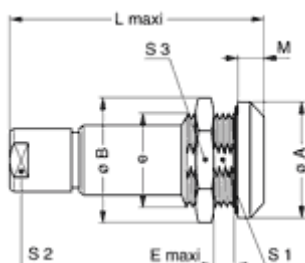
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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]	5.10 - 5.50 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	25	27.5	M20x1.0	9	54	5	18.5	12	24
in.	0.98	1.08		0.35	2.13	0.2	0.73	0.47	0.94

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Recommended By Lemo

Accessories

Compatible cap

[BRE.2K.200.NAS](#)

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