

Standard



*Image for illustrative purpose only*

## Summary

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Coax triax mixed en

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/EEP.2E.650.CTL.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/EEP.2E.650.CTL.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	2E.650 - 1 Triax (50 Ohm)
Footprint IPC Class3 compatibility	No
Insulator	T: PTFE
Rated current	12 A
Impedance	50 Ohms
VSWR	1.01 + 0.3 * f/GHz
Vtest	1200 V (AC), 1690 V (DC)
Cable type	RGT 174, Belden 9222, 8215, 8232A, HF-2426, Triax 8 Nokia, 375 029 LEDE

## Form & Material

Shell style / Model id	EEP - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	36.95 g

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/eep-2e-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/eep-2e-650-ctl.html)

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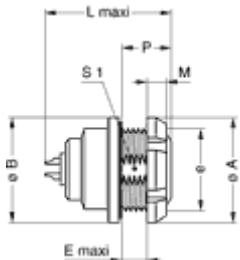
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic 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

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Panel Drill Hole	M20

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>P</b>	<b>S1</b>
mm.	25	25	M20x1.0	5	28.5	3.5	10	18.5
in.	0.98	0.98		0.2	1.12	0.14	0.39	0.73

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/eep-2e-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/eep-2e-650-ctl.html)

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# Recommended By Lemo

## Accessories

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Compatible cap BRE.2K.200.NAS

## Tools

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Spanner 2 DCM.65.225.AZ6

Spanner wrench Socket for torque wrench DCM.2E.M20.6

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