



## Summary

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

## Technical details

### Electrical Configuration

Triax	1
Contact Termination Triax	Solder
Insert configuration value	2E.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	12 Amps
Impedance	50 Ohm
VSWR	1.01 + 0.3 * f/GHz
Vtest	1200 V (AC), 1690 V (DC)
Contact Type	Solder
Cable type	RGT 174,Belden 9222,8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE

[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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## 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
Weight	36.95 g

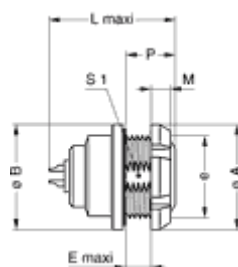
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection	IP68
Minimal temperature	-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]	1.30 - 18.60 mm

## Drawings



[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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## 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

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