



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	0E
Suggested matching part	<a href="#">FFA.0E.650.CLAC10</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	0E.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
VSWR	1.03 + 0.34 * f/GHz
Vtest	1200 V (AC), 1690 V (DC)
Contact Type	Solder
Cable type	RGT 178, RGT 174

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
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	12.24 g

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## 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

---

Jacket cable outside diameter [mm]	1.00 - 12.60 mm
------------------------------------	-----------------

---

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-ctl.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.