



## Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Number of contacts Low Voltage	10
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	11.60 - 12.50 mm
Size	5E
Matching parts	<a href="#">ERA.5E.810.CLL3</a>
Series	E - Outdoor Stepped Insert

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
Coax	1
Insert configuration value	5E.810 - 1 Coax (50 Ohm), 10 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Number of contacts Low Voltage	10

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.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.

## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
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	Hermaphroditic keying (half moon insert) with male pin 1
Weight	433 g

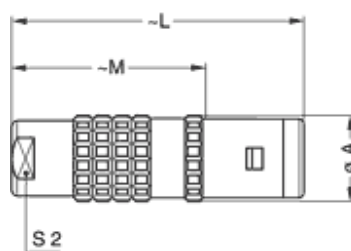
## Environment

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]	11.60 - 12.50 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.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.

## Dimensions

	<b>L</b>	<b>M</b>	<b>S2</b>	<b>A</b>
mm.	92	67	32	38
in.	3.62	2.64	1.26	1.5

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-5e-810-clac123.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.