

## Summary

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Coax	1
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 10.50 mm
Size	3E
Matching parts	<a href="#">ERA.3E.250.CTL</a>
Series	E - Outdoor Stepped Insert

## Technical details

### Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	3E.250 - 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	26 Amps
Impedance	50 Ohm
VSWR	1.06 + 0.5 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Solder
Cable type	Cable type: A RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U S

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-250-clac11e.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-250-clac11e.html)

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## Form & Material

Shell style / Model id	FLA - Elbow plug, cable collet
Plug	Elbow
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, male
Variant	Gasket and O-ring in EPDM
Weight	99.41 g

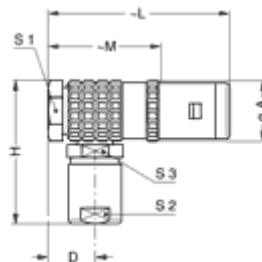
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection (IP rating)	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]	10.10 - 10.50 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-250-clac11e.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-250-clac11e.html)

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## Dimensions

	<b>A</b>	<b>D</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	21	11.5	47	60	40	18	15	16
in.	0.83	0.45	1.85	2.36	1.57	0.71	0.59	0.63

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