



## Summary

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Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	1E
Matching parts	<a href="#">ERA.1E.275.CTL</a>
Series	E - Outdoor Stepped Insert

## Technical details

### Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	1E.275 - 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated current	10 Amps
Impedance	75 Ohm
VSWR	1.02 + 0.08 * f/GHz
Vtest	2400 V (AC), 3300 V (DC)
Contact Type	Solder
Cable type	Cable type: A RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408 S

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-275-ctac65z.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-275-ctac65z.html)

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## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet and nut for fitting a bend relief
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	Circular, male
Weight	23.18 g

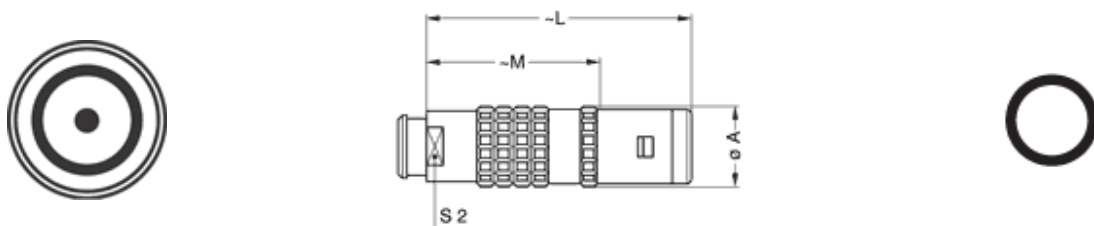
## Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-275-ctac65z.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-275-ctac65z.html)

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## Dimensions

	<b>L</b>	<b>M</b>	<b>S2</b>	<b>A</b>
mm.	42	28	9	13
in.	1.65	1.1	0.35	0.51

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