



Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	3E
Matching parts	ERA.3E.250.CTL
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/ffa-3e-250-clac85z.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 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
Variant	Nut for fitting a bend relief
Weight	71.41 g

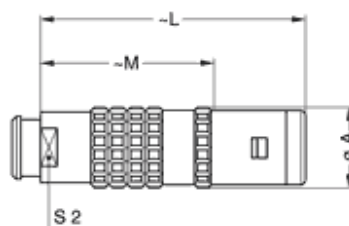
Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

Drawings



https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-250-clac85z.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

	A	L	M	S2
mm.	19	60	40	15
in.	0.75	2.36	1.57	0.59

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-250-clac85z.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.