

SUMMARY

Wires

Coax	1
------	---



Image is for illustrative purpose only

Series	1E
Termination type	Male solder Coaxial
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	3.10 - 3.50 mm
Status	active
Matching parts	ERA.1E.250.CTL

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	24.33 g

Performance

Configuration	1E.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1 mm (0.039in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.23 * f/GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

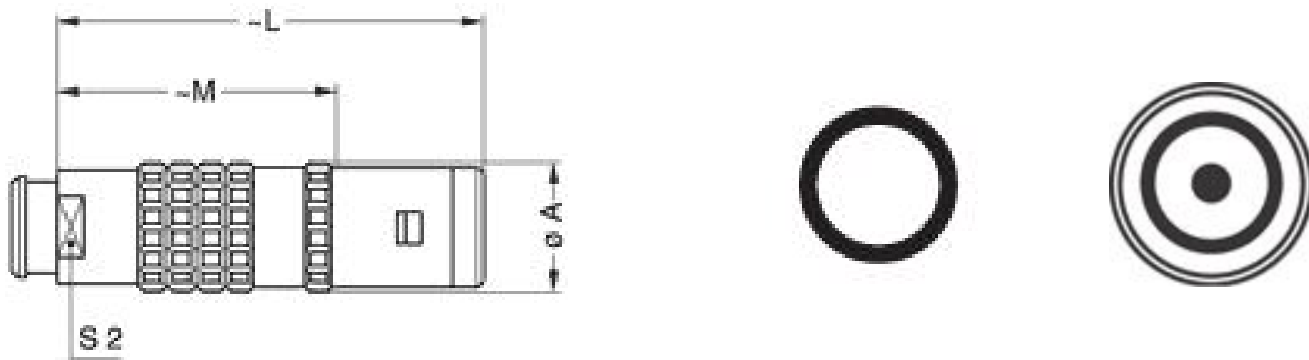
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0.51	1.65	1.10	0.35

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.1E.008.PA090](#)
- Caps: [BFA.1E.100.NAS](#)

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.

Cables

CCX.75.040.195327G	PVC	Grey	
--------------------	-----	------	--

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.