



## Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.20 - 3.20 mm
Matching parts	<a href="#">ERA.1S.250.CTL</a>
Alternative part	<a href="#">FFA.1S.250.CTAC32Z</a>
Series	S - Indoor Stepped Insert

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.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.

## Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	1S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	12 Amps
Impedance	50 Ohm
VSWR	$1.01 + 0.23 * f/\text{GHz}$
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
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
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)

## 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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Variant	Nut for fitting a bend relief
Weight	19.62 g

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.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.

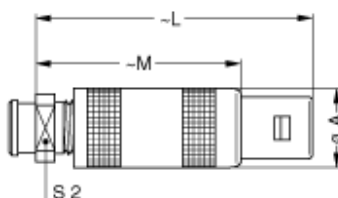
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.20 - 3.20 mm

## Drawings



## Dimensions

	A	L	M	S2
mm.	12	42.5	31.5	9
in.	0.47	1.67	1.24	0.35

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-250-ctac27z.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.

# Recommended By Lemo





Accessories

Tools

Spanner wrench

DCD.1B.ZZZ.PA090

## Cables

Cable PartNumber	Material	Colour	Cable image
17420	PVC	Black	
17450	COPOLYMER	Black	
18700	PTFE	White	
18800	PTFE	White	
31600	PTFE	Brown	
CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	