



Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.20 - 5.20 mm
Matching parts	ERA.1S.275.CTL
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac52z.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.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	Coaxial 75 Ohm (Solder)
Cable type	10361
Bucket Dia.	1.1 mm (0.0432in)
Contact Dia.	1.3 mm (0.0512in)

Form & Material

Shell style / Model id	FLA - Elbow plug, cable collet and nut for fitting a bend relief
Plug	Elbow
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	25.46 g

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

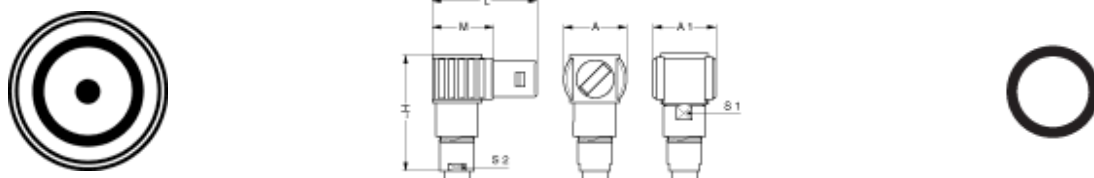
https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac52z.html

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.

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.20 - 5.20 mm

Drawings



Dimensions

	A	L	M	S1	S2	H
mm.	16	26.5	15.5	10	8.5	28.5
in.	0.63	1.04	0.61	0.39	0.33	1.12

Recommended By Lemo

Accessories

Tools

Cables

Cable PartNumber	Material	Colour	Cable image
158480	PUR	Black	
158490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac52z.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.