



Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.90 - 6.50 mm
Matching parts	ERA.1S.275.CTL
Series	S - Indoor Stepped Insert

Technical details

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	$1.02 + 0.08 * f/\text{GHz}$
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)

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac66.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	FLA - Elbow plug, cable collet
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
Weight	24.06 g

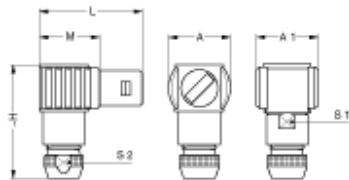
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection	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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.90 - 6.50 mm

Drawings



https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac66.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	H	L	M	S1	S2	A1
mm.	16	28.5	26.5	15.5	10	8.5	16
in.	0.63	1.12	1.04	0.61	0.39	0.33	0.63

Recommended By Lemo

Accessories

Tools

Cables

Cable PartNumber	Material	Colour	Cable image
159580	PVC	Black	
62000	PVC	Black	
CCX.50.RG0.58AU61J	PVC	Yellow	
CCX.75.RG0.59BU62N	PVC	Black	
CCX.93.RG0.62AU62N	PVC	Black	

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-275-ctac66.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.