



Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0S
Suggested matching part	FFA.0S.650.CLAC17
Series	S - Indoor Stepped Insert

https://www.lemo.com/int\_en/solutions/originals/s-indoor-stepped-insert/era-0s-650-cll.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.

# **Technical details**

#### **Electrical Configuration**

Nb of contacts Triax	1			
Contact Termination Triax	Solder			
Insert configuration value	0S.650 - 1 Triax (50 Ohm)			
Insulator	L: PEEK (UL 94 / V-0/1.5)			
Rated current	6 A			
Impedance	50 Ohm			
ОНМ	50			
VSWR	1.03 + 0.34 * f/GHz			
Vtest	1200 V (AC), 1700 V (DC)			
Contact Type	Triaxial 50 Ohm (Solder)			
Cable type	RGT 178, RGT 174			
Bucket Dia.	0.8			
Contact Dia.	0.9 mm (0.035"in)			
Form & Material				
Shell style / Model id	ERA - Fixed receptacle, nut fixing			
Socket / Receptacle	Fixed Panel Front Mounted			
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, female			
Colour	Grey			
Weight	4.57 g			

https://www.lemo.com/int\_en/solutions/originals/s-indoor-stepped-insert/era-0s-650-cll.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

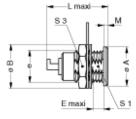
Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement				
Environmental sealing (IP rating)	IP50				
Endurance	5000 mating cycles				
Temperature range	-55°C / +250°C				
Climatical Category	50/175/21				
Humidity (max)	<=95% [at 60 deg C /140 F]				
Shielding (min)	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	>1000 hr				
Cable fixation					

Jacket cable outside diameter [mm]

1.00 - 8.30 mm

## **Drawings**





#### Dimensions

	Α	В	е	Е	L	Μ	<b>S1</b>	<b>S</b> 3	
mm.	10	12.5	M9x0.6	7	18.5	1.2	8.2	11	
in.	0.39	0.49		0.28	0.73	0.05	0.32	0.43	

## **Recommended By Lemo**

#### Accessories

Compatible cap

BRE.0S.200.NAS

https://www.lemo.com/int\_en/solutions/originals/s-indoor-stepped-insert/era-0s-650-cll.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.