

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	0
High	0
Coax	0
Triax	1
Quad	0
Fiber	0
Fluidic	0

### Download

[Request a quote](#)

[Catalog](#)

Series	0S
Termination type	Male solder
IP rating	50
Cable Ø	1.30 - 2.20 mm
Matching parts	ERA.0S.650.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C22: 1.3 - 2.2 mm
Variant	
Weight	8.14 g

### Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

### Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.035" in)

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.

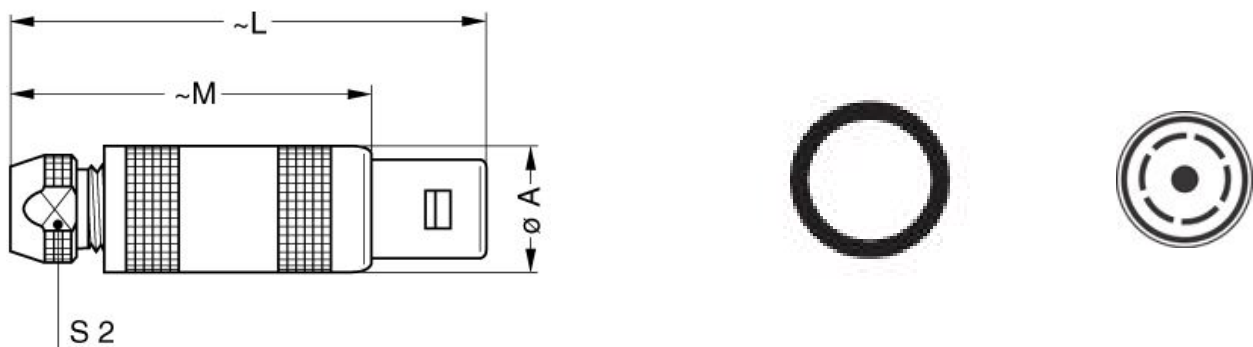
Vtest: 1200 V (AC), 1700 V (DC)  
 Impedance: 50 Ohm  
 VSWR:  $1.03 + 0.34 \cdot f/\text{GHz}$   
 Cable type: RGT 178, RGT 174

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max):  $-55^{\circ}\text{C} / +250^{\circ}\text{C}$   
 Humidity (max):  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Salt Spray Corrosion: >144 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	9	34.5	24.5	6.5
in.	0,35	1,36	0,96	0,26

## RECOMMENDED BY LEMO

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.

## Tools

Spanner wrench: DCD.0S.005.PA065

## Cables

*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.*