

## 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	1S
Termination type	Male solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	<a href="#">PCA.1S.650.CTLC32</a>

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FAA*: Fixed plug, non-latching, nut fixing
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	9.69 g

### Performance

Configuration	1S.650 : 1 Triax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

### Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Contact Dia.:	0.9 mm (0.035in)
Vtest:	1200 V (AC), 1700 V (DC)
Impedance:	50 Ohm

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.

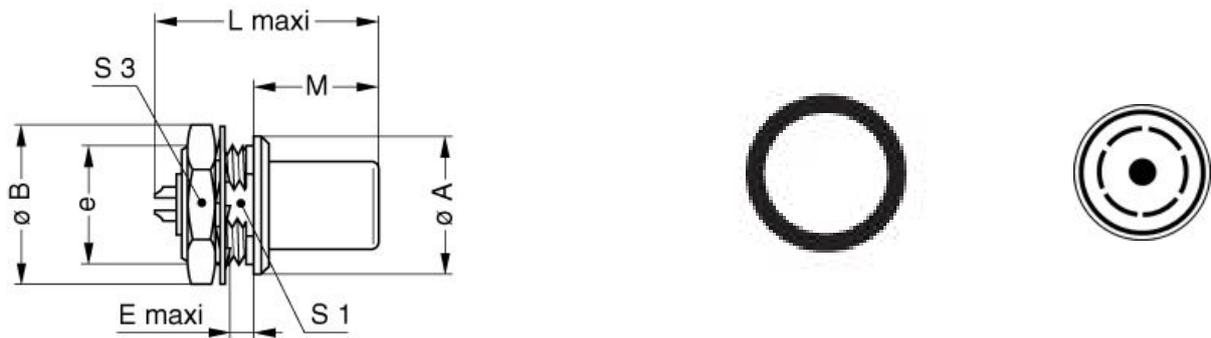
VSWR:  $1.01 + 0.17 * f/\text{GHz}$   
 Cable type: RGT 178, RGT 174, Belden 9222

## 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]  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >144 hr  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	16	2.5	22.5	12.5	10.5	14	M12x1.0
in.	0.55	0.63	0.10	0.89	0.49	0.41	0.55	

## RECOMMENDED BY LEMO

### Tools

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.

None

## 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.*