

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1S.650.CLAC47
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ERN*: Fixed receptacle, nut fixing, with grounding tab
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	Ø 0 - 0 mm
Variant	
Weight	8.73 g

### Performance

Configuration	1S.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 (0.034in)

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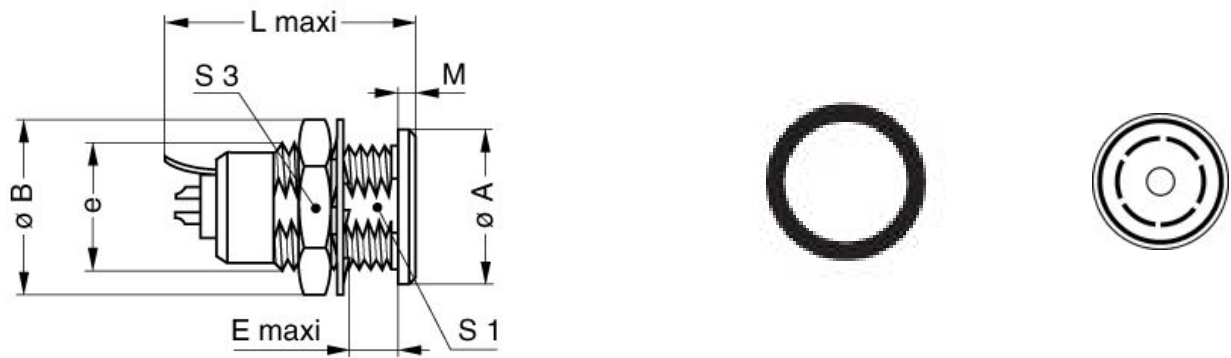
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.01 + 0.17 \* f/GHz  
Cable type: RGT 178, RGT 174,Belden 9222

Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°C  
Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Salt Spray Corrosion: >1000 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	B	E	L	M	S1	S3	e
mm.	14	16	7.5	22.4	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,88	0,06	0,41	0,55	

RECOMMENDED BY LEMO

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**Tools**

None

**Cables**

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