

## SUMMARY



Image is for illustrative purpose only

### # Wires

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

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Series	0S
Termination type	Male solder
IP rating	50
Cable Ø	3.80 - 4.40 mm
Matching parts	ERA.0S.650.CLL
Status	active
Alternative part	FFA.0S.650.CLAC44

## 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	C42: 3.8 - 4.4 mm
Variant	

### Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

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

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

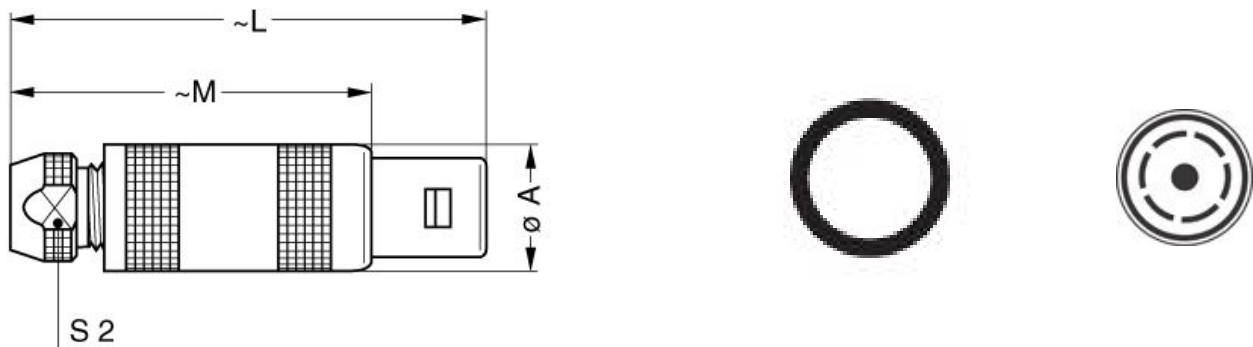
## Others

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

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## DRAWINGS

### Draws



### Dimensions

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

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## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: DCD.OS.005.PA065

## Cables

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