

## 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	0S
Termination type	Female solder
IP rating	50
Cable Ø	3.80 - 4.40 mm
Matching parts	FFA.0S.650.CLAC42
Status	NRND
Alternative part	PCA.0S.650.CTLC44Z

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet and nut for fitting a bend relief
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	∅ 3.8 - 4.4 mm
Variant	Z : Nut for fitting a bend relief
Weight	9.31 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

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Contact Dia.: 0.9 mm (0.035" in)  
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR:  $1.03 + 0.34 * f / \text{GHz}$   
Cable type: RGT 178, RGT 174

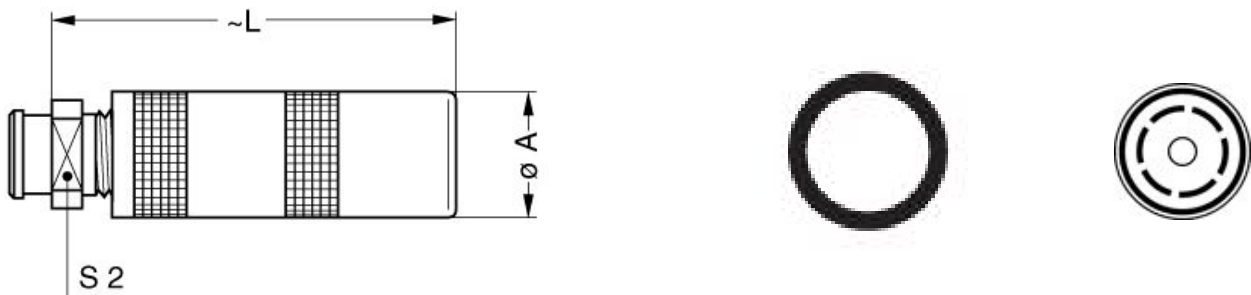
## Others

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	S2
mm.	8.9	33.5	7
in.	0,35	1,32	0,28

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## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.OS.005.PA065

## Cables

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