

## 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.CTAC42Z
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	C42: 3.8 - 4.4 mm
Variant	Z : Nut for fitting a bend relief

### 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)
Vtest:	1200 V (AC), 1700 V (DC)
Impedance:	50 Ohm
VSWR:	1.03 + 0.34 * f /GHz

Cable type: RGT 178, RGT 174

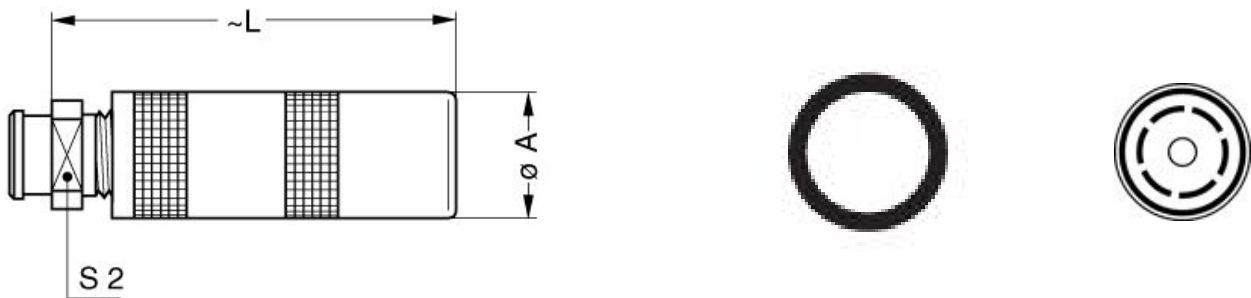
## Others

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: >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

### Tools

Spanner wrench: DCD.05.005.PA065

### Cables

