

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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Series	2S
Termination type	Female solder
IP rating	50
Cable Ø	4.30 - 5.20 mm
Matching parts	FFA.2S.250.CLAC52
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, 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	∅ 4.3 - 5.2 mm
Variant	

### Performance

Configuration	2S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	15 Amps

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 2 mm (0.079in)

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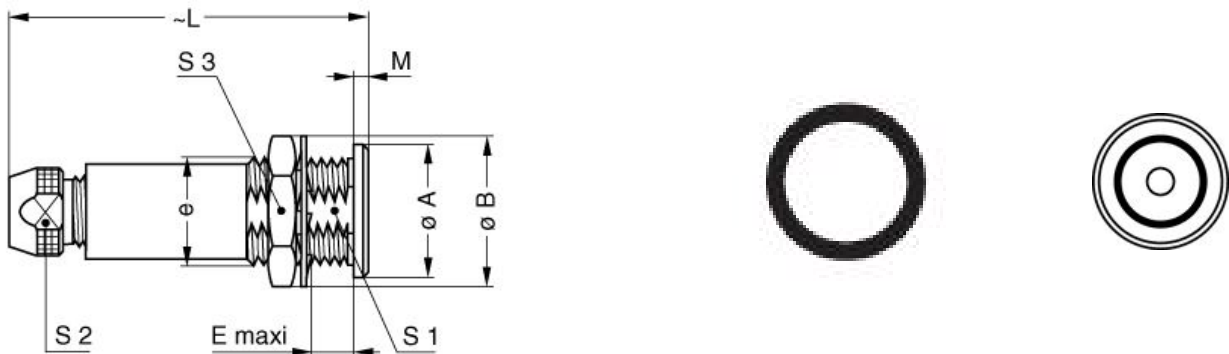
Bucket Dia.: 1.8 mm (0.071in)  
 Vtest: 3000 V (AC), 4200 V (DC)  
 Impedance: 50 Ohm  
 VSWR: 1.02 + 0.95 \* f/GHz  
 Cable type: RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

## 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

## DRAWINGS

### Draws



### Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	18	19.5	8.5	8.5	50	1.8	13.5	11	17	M15x1.0
in.	0,71	0,77	0,33	0,33	1,97	0,07	0,53	0,43	0,67	


## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.2S.025.PA110

## Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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