

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

### Download

[Request a quote](#)

[Catalog](#)

|                  |                 |
|------------------|-----------------|
| Series           | 4S              |
| Termination type | Male solder     |
| IP rating        | 50              |
| Cable Ø          | 9.10 - 10.00 mm |
| Matching parts   | ERA.4S.250.CTL  |
| Status           |                 |
| Alternative part |                 |

## 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      | C10: 9.1 - 10 mm  |
| Variant           |   |

### Performance

|               |                          |
|---------------|--------------------------|
| Configuration | 4S.250 : 1 Coax (50 Ohm) |
| Insulator     | T: PTFE                  |
| Rated Current | 36 Amps                  |

### Specifications

|               |                          |
|---------------|--------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder)  |
| Max. Matings: | 1000                     |
| Contact Dia.: | 4 mm (0.157in)           |
| Bucket Dia.:  | 3.7 mm (0.146in)         |
| Vtest:        | 2100 V (AC), 3000 V (DC) |
| Impedance:    | 50 Ohm                   |

VSWR:  $1.01 + 1.9 * f/\text{GHz}$

Cable type: RG 214 /U, RG 216 /U, RG 225 /U, RG 225 /U, RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U

## 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)

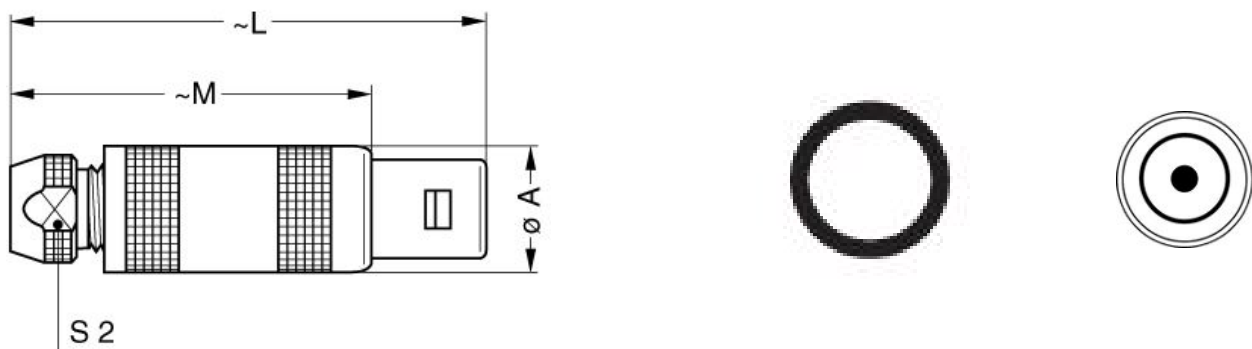
Shielding (min): 40 dB (1 GHz)

IP Rating: 50

---

## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 24.8 | 77   | 59   | 19   |
| in. | 0,98 | 3,03 | 2,32 | 0,75 |

---

## RECOMMENDED BY LEMO

### Tools

Caps: BFA.4S.100.NAS

