

## SUMMARY



Image is for illustrative purpose only

### # Wires

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

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|                  |                   |
|------------------|-------------------|
| Series           | 1S                |
| Termination type | Female solder     |
| IP rating        | 50                |
| Cable Ø          | 0.00 - 0.00 mm    |
| Matching parts   | FFA.1S.250.CLAC32 |
| Status           | active            |
| Alternative part |                   |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | ERN*: Fixed receptacle, nut fixing, with grounding tab                                      |
| 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      | ∅ 0 - 0 mm  |
| Variant           |   |
| Weight            | 8.53 g  |

### Performance

|               |                          |
|---------------|--------------------------|
| Configuration | 1S.250 : 1 Coax (50 Ohm) |
| Insulator     | T: PTFE                  |
| Rated Current | 12 Amps                  |

### Specifications

|               |                         |
|---------------|-------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder) |
| Max. Matings: | 1000                    |
| Contact Dia.: | 1.6 mm (0.063in)        |

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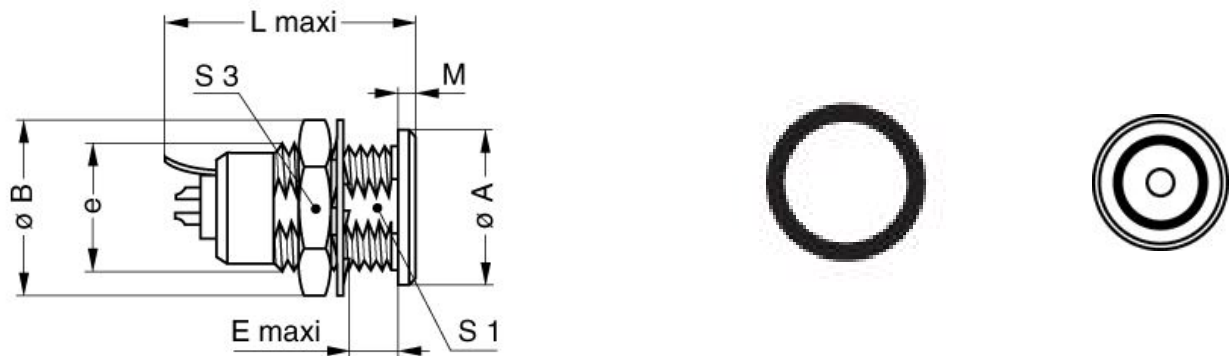
Bucket Dia.: 1.4 mm (0.055in)  
 Vtest: 3000 V (AC), 4200 V (DC)  
 Impedance: 50 Ohm  
 VSWR:  $1.01 + 0.23 * f/\text{GHz}$   
 Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

## 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: >1000 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    | E    | L    | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 14   | 16   | 7.5  | 22.4 | 1.5  | 10.5 | 14   | M12x1.0 |
| in. | 0,55 | 0,63 | 0,30 | 0,88 | 0,06 | 0,41 | 0,55 |         |







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# RECOMMENDED BY LEMO



## Tools

None

## Cables

|                     |           |        |  |
|---------------------|-----------|--------|--|
| CCN.50.051.1529NMC  |           |        |  |
| 017 420             | PVC       | Black  |    |
| 017 450             | COPOLYMER | Black  |    |
| 018 000             | PTFE      | Brown  |    |
| 018 700             | PTFE      | White  |    |
| 018 800             | PTFE      | White  |  |
| 031 600             | PTFE      | Brown  |  |
| 062 000             | PVC       | Black  |  |
| 158 480             | PUR       | Black  |    |
| 158 490             | PVC       | Black  |  |
| 159 580             | PVC       | Black  |  |
| 178 190             | PTFE      | Brown  |  |
| 196 270             | PTFE      | White  |  |
| 311 100             | PVC       | Black  |  |
| CCX.50.030.083.180B |           | White  |  |
| CCX.50.080.297538N  | PVC       | Black  |  |
| CCX.50.088.292495N  | PVC       | Black  |  |
| CCX.50.RG0.58AU14B  | FEP       | White  |  |
| CCX.50.RG0.58AU61J  | PVC       | Yellow |  |
| CCX.50.RG1.74-U25N  | PVC       | Black  |  |
| CCX.50.RG1.74AU28N  | PVC       | Black  |  |
| CCX.50.RG1.74AU28N  | PVC       | Black  |  |
| CCX.50.RG1.74U25N   | PVC       | Black  |  |
| CCX.50.RG1.78BU18M  | FEP       | Brown  |  |
| CCX.50.RG1.78BU18M  | PTFE      | Brown  |  |
| CCX.50.RG1.88AU24B  | TFE       | White  |  |
| CCX.50.RG1.88AU26B  | PFA       | White  |  |
| CCX.50.RG1.88AU26B  | PTFE      | White  |  |
| CCX.50.RG1.96AU19B  | PTFE      | White  |  |
| CCX.50.RG1.96AU20B  | PFA       | White  |  |
| CCX.50.RG3.16BU26M  | FEP       | Brown  |  |
| CCX.50.RG3.16U28M   | PTFE      | Brown  |  |
| CCX.50.RG5.8CU50N   | PVC       | Black  |  |
| CCX.75.040.195327G  | PVC       | Grey   |  |

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|                    |      |       |  |
|--------------------|------|-------|--|
| CCX.75.RG0.11AU10N | PVC  | Black |  |
| CCX.75.RG0.59BU62N | PVC  | Black |  |
| CCX.75.RG1.79BU26M | FEP  | Brown |  |
| CCX.75.RG1.87AU26B | PFA  | White |  |
| CCX.75.RG1.87AU27B | PTFE | White |  |
| CCX.93.RG0.62AU62N | PVC  | Black |  |
| CCX.95.RG1.80BU36M | PTFE | Brown |  |
| CCX.95.RG1.95AU37B | PFA  | White |  |

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