

SUMMARY



Image is for illustrative purpose only

Wires

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

Download

[Request a quote](#)

[Catalog](#)

| | |
|------------------|-------------------|
| Series | 0S |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FFA.0S.250.CLAC17 |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERD*: Fixed receptacle with two nuts (back panel mounting) |
| 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 | 4.77 g |

Performance

| | |
|---------------|--------------------------|
| Configuration | 0S.250 : 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated Current | 6 Amps |

Specifications

| | |
|---------------|-------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder) |
| Max. Matings: | 1000 |
| Contact Dia.: | 0.9 mm (0.035in) |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

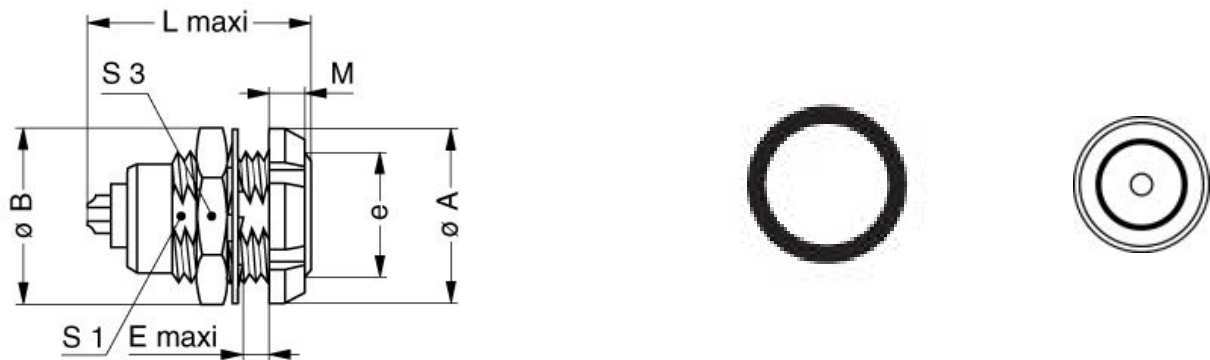
Bucket Dia.: 1 mm (0.039in)
 Vtest: 3000 V (AC), 4200 V (DC)
 Impedance: 50 Ohm
 VSWR: 1.02 + 0.25 * f/GHz
 Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°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: >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. | 12 | 12.5 | 5.5 | 17.5 | 2.5 | 8.2 | 11 | M9x0.6 |
| in. | 0,47 | 0,49 | 0,22 | 0,69 | 0,10 | 0,32 | 0,43 | |







LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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 | |
| 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 | |
| CCX.75.RG0.59BU62N | PVC | Black | |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

| | | | |
|--------------------|------|-------|--|
| 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 | |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.