

SUMMARY

Wires

| | |
|------|---|
| Coax | 1 |
|------|---|



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 0S |
| Termination type | Male solder Coaxial |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 2.30 - 3.20 mm |
| Status | Active |
| Matching parts | ERN.0S.250.GTL |

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | FFA*: Straight plug, cable collet |
| Keying | Circular, male |
| Housing Material | PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 4.95 g |

Performance

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

Specifications

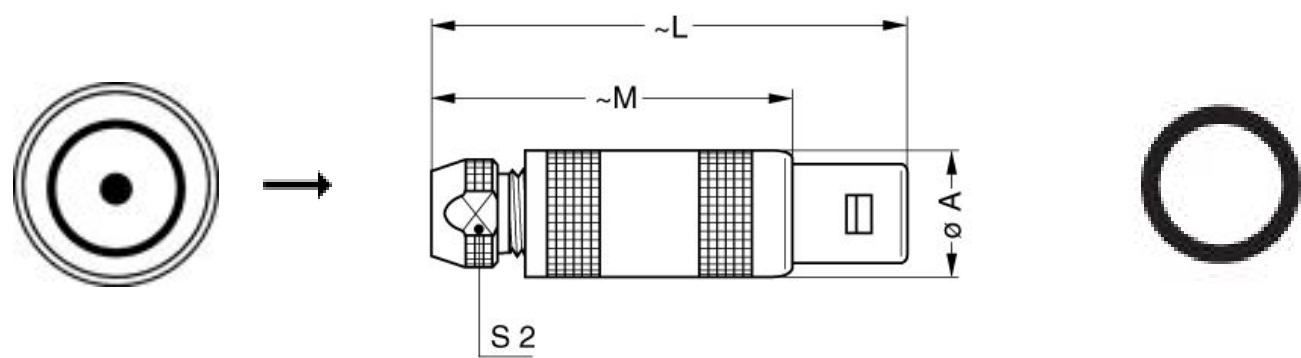
| | |
|---------------|--|
| Contact Type: | Coaxial 50 Ohm (Solder) |
| Contact Dia.: | 0.9 mm (0.035in) |
| Bucket Dia.: | 1 mm (0.039in) |
| Vtest: | 3000 V (AC), 4200 V (DC) |
| Impedance: | 50 Ohm |
| VSWR: | 1.02 + 0.25 * f /GHz |
| Cable type: | RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U |

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.

Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -50°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]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 9 | 34.5 | 24.5 | 6.5 |
| in. | 0,35 | 1,36 | 0,96 | 0,26 |






RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.0S.ZZZ.PA065](#)

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.

Cables

| | | | |
|--------------------|-----------|-------|--|
| 17420 | PVC | Black |  |
| 17450 | COPOLYMER | Black |  |
| 18700 | PTFE | White |  |
| 18800 | PTFE | White | |
| 31600 | PTFE | Brown | |
| CCX.50.RG0.58AU14B | FEP | White | |
| 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.RG1.88AU24B | TFE | White | |
| CCX.50.RG1.88AU26B | PFA | White | |
| CCX.50.RG1.88AU26B | PTFE | White | |
| CCX.50.RG3.16BU26M | FEP | Brown | |
| CCX.50.RG3.16U28M | PTFE | Brown | |
| CCX.75.RG1.79BU26M | FEP | Brown | |
| CCX.75.RG1.87AU26B | PFA | White | |
| CCX.75.RG1.87AU27B | PTFE | 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.