

SUMMARY



Image is for illustrative purpose only

Wires

Coax 1

| | |
|------------------|-----------------------------------|
| Series | 1S |
| Termination type | Female solder Coaxial |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | Active |
| Matching parts | FFA.1S.250.CTAC52 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERN*: Fixed receptacle, nut fixing, with grounding tab |
| Keying | Circular, female |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 8.53 g |

Performance

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

Specifications

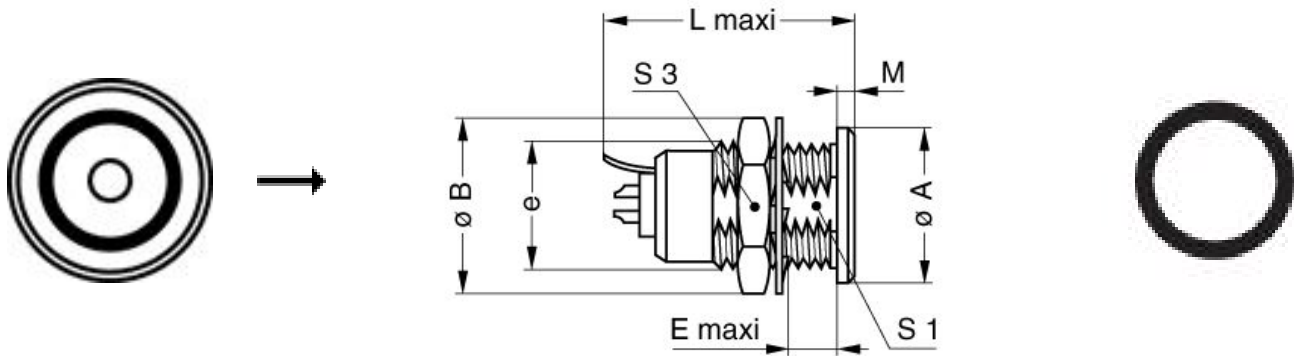
Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.23 * f/GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

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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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS








RECOMMENDED BY LEMO






Tools

Spanner wrench: [Socket for torque wrench DCM.1S.M12.4](#)

Cables

| | | | |
|--------|-----------|-------|--|
| 158480 | PUR | Black |  |
| 158490 | PVC | Black |  |
| 159580 | PVC | Black |  |
| 17420 | PVC | Black |  |
| 17450 | COPOLYMER | Black |  |

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| | | | |
|---------------------|------|--------|--|
| 178190 | PTFE | Brown | |
| 18000 | PTFE | Brown |  |
| 18700 | PTFE | White |  |
| 18800 | PTFE | White | |
| 196270 | PTFE | White | |
| 311100 | PVC | Black | |
| 31600 | PTFE | Brown | |
| 62000 | 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 | |
| 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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