

SUMMARY

Wires

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



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 3S |
| 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.3S.250.CLAC72 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing |
| 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 | 22.91 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 3S.250 : 1 Coax (50 Ohm) |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 26 Amps |

Specifications

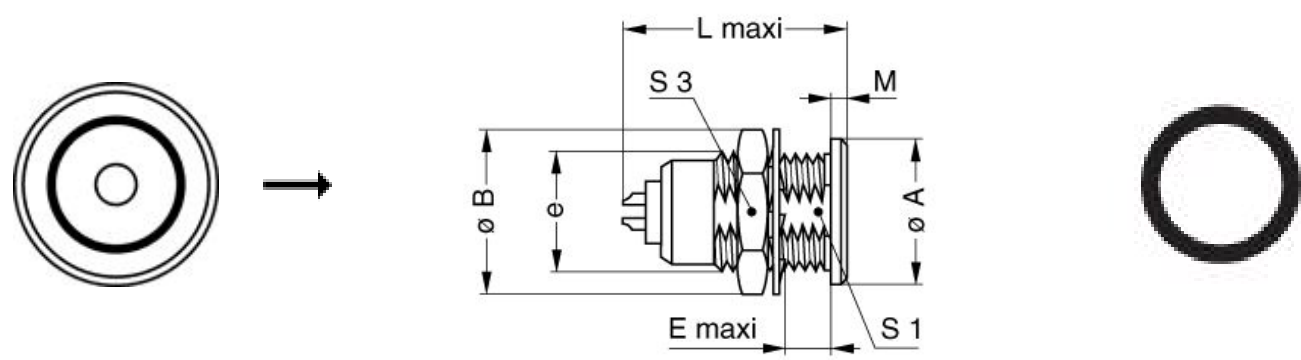
| | |
|---------------|------------------------------------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder) |
| Contact Dia.: | 3 mm (0.118in) |
| Bucket Dia.: | 2.7 mm (0.106in) |
| Vtest: | 3000 V (AC), 4200 V (DC) |
| Impedance: | 50 Ohm |
| VSWR: | 1.06 + 0.5 * f/GHz |
| Cable type: | RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /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



Dimensions

| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 22 | 25.1 | 11.5 | 29 | 2 | 16.5 | 22 | M18x1.0 |
| in. | 0,87 | 0,99 | 0,45 | 1,14 | 0,08 | 0,65 | 0,87 | |







RECOMMENDED BY LEMO

Tools

Spanner wrench: [Socket for torque wrench DCM.65.200.AZ](#)

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Cables

| | | | |
|---------------------|-----------|--------|--------------------------------------------------------------------------------------|
| 158480 | PUR | Black |  |
| 158490 | PVC | Black | |
| 159580 | PVC | Black | |
| 17420 | PVC | Black |  |
| 17450 | COPOLYMER | Black |  |
| 178190 | PTFE | Brown | |
| 18000 | PTFE | Brown |  |
| 18700 | PTFE | White |  |
| 18800 | PTFE | White | |
| 196270 | PTFE | White | |
| 213000 | PE | Black | |
| 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.RG2.13U10N | PE | Black | |
| 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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