

## SUMMARY

### # Wires

Coax 1

*Image is for illustrative purpose only*

Series 00  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.00.250.CTAC31](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERN\*: Fixed receptacle, nut fixing, with earthing tags  
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 2.62 g

### Performance

Configuration 00.250 : 1 Coax (50 Ohm)  
Insulator T: PTFE  
Rated Current 4 Amps

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.6 mm (0.024in)  
Test voltage: 2.1 kV (rms)  
R (max): 6.1 mOhm  
Vtest: 2100 V (AC), 3000 V (DC)  
□  
Impedance: 50 Ohm

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VSWR:  $1.09 + 0.11 * f/\text{GHz}$

## Others

Endurance (Shell): 5000 mating cycles

F ret (min): 100 N

Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

|     | A    | L    |
|-----|------|------|
| mm. | 8    | 15   |
| in. | 0,31 | 0,59 |

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## RECOMMENDED BY LEMO

### Tools

### Cables

|        |     |       |  |
|--------|-----|-------|--|
| 159580 | PVC | Black |  |
| 17420  | PVC | Black |  |

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|                     |           |       |  |
|---------------------|-----------|-------|--|
| 17450               | COPOLYMER | Black |    |
| 178190              | PTFE      | Brown |  |
| 18000               | PTFE      | Brown |    |
| 18700               | PTFE      | White |    |
| 18800               | PTFE      | White |  |
| 196270              | PTFE      | White |  |
| 31600               | PTFE      | Brown |  |
| 62000               | PVC       | Black |  |
| CCX.50.030.083.180B |           | White |  |
| 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.RG1.78BU18M  | 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.75.040.195327G  | PVC       | Grey  |  |
| 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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