

## SUMMARY



Image is for illustrative purpose only

### # Wires

Coax 1

Series 00  
Termination type Female solder  
IP rating 68  
AWG wire size 0.00 - 0.00  
Cable Ø 1.30 - 4.40 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EWV\*: Fixed receptacle, vacuum-tight  
Keying Circular, female  
Housing Material Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces  
Variant PV : Watertight / Vacuum-tested  
Weight 3.14 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)  
□

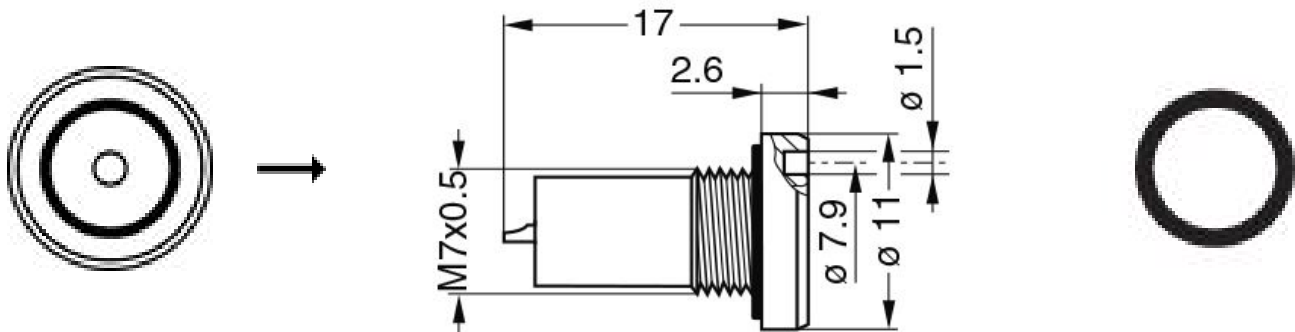
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Impedance: 50 Ohm  
VSWR:  $1.09 + 0.11 * f/\text{GHz}$

## Others

Endurance (Shell): 5000 mating cycles  
F ret (min): 100 N  
R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
Salt Spray Corrosion: >144 hr  
Pressure: 60 bars

## DRAWINGS



## Dimensions







|     | A    | L    |
|-----|------|------|
| mm. | 11   | 17   |
| in. | 0,43 | 0,67 |

## RECOMMENDED BY LEMO

## Tools

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## Cables

|                     |           |       |  |
|---------------------|-----------|-------|--|
| CCN.50.051.1529NMC  |           |       |  |
| 159580              | PVC       | Black |  |
| 17420               | PVC       | Black |    |
| 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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