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# FFA.00.250.CTAK42

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

| | |
|---|---|
| **Series** | 00 |
| **Termination type** | Male solder |
| **IP rating** | 50 |
| **AWG wire size** | 0.00 - 0.00 |
| **Cable Ø** | 3.30 - 4.10 mm |
| **Status** | active |
| **Matching parts** | ERA.00.250.CTL |

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## TECHNICAL DETAILS

### Mechanics

| | |
|---|---|
| **Shell Style/Model** | FFA*: Straight plug with oversize cable collet |
| **Keying** | Circular, male |
| **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** | 5.34 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

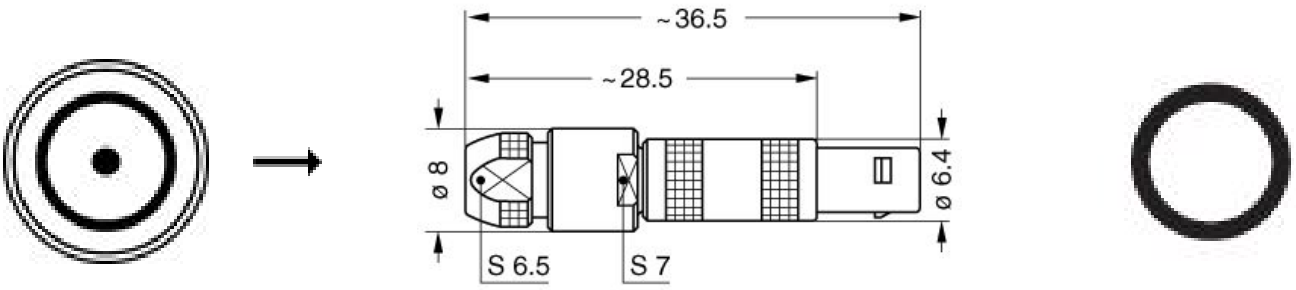
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VSWR: 1.09 + 0.11 * f/GHz

### Others

Endurance (Shell): 5000 mating cycles
F ret (min): 100 N
Salt Spray Corrosion: >1000 hr

## DRAWINGS




### Dimensions

| | A | B | L | M | S1 | S2 |
|---|---|---|---|---|---|---|
| mm. | 6.4 | 8 | 36.5 | 28.5 | 7 | 6.5 |
| in. | 0,25 | 0,31 | 1,44 | 1,12 | 0,28 | 0,26 |

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.00.003.PA045

### Cables

| | | | |
|---|---|---|---|
| 18000 | PTFE | Brown |  |

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| | | | |
|---|---|---|---|
| CCX.95.RG1.80BU36M | PTFE | Brown |  |
| CCX.95.RG1.95AU37B | PFA | White | |

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