

## 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          | 1.80 - 2.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.00.250.CTL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFC*: Straight plug with flats on latch sleeve and 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            | 2.93 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

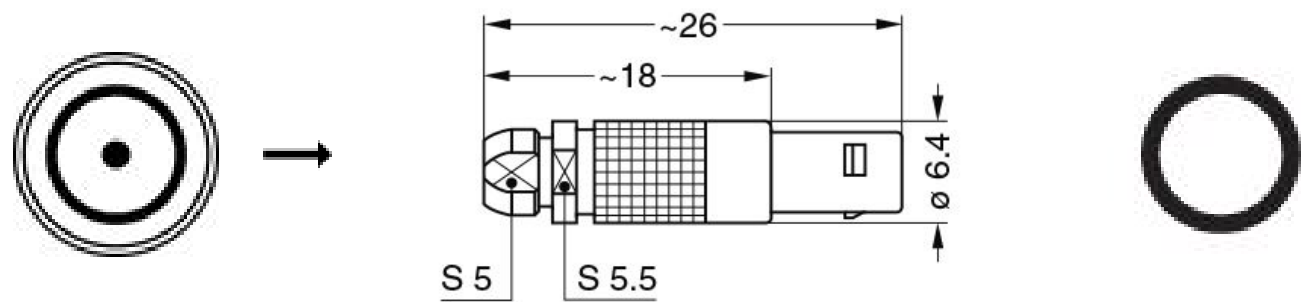
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VSWR:  $1.09 + 0.11 \cdot f/\text{GHz}$   
Cable type: RG 196 A/U - RG 178 B/U - LEMO Germany reference 178 190

Others

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

DRAWINGS



RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.00.003.PA050](#)

Cables

|                     |      |       |  |
|---------------------|------|-------|--|
| 178190              | PTFE | Brown |  |
| 196270              | PTFE | White |  |
| CCX.50.030.083.180B |      | White |  |
| CCX.50.RG1.78BU18M  | FEP  | Brown |  |
| CCX.50.RG1.78BU18M  | PTFE | Brown |  |
| CCX.50.RG1.96AU19B  | PTFE | White |  |
| CCX.50.RG1.96AU20B  | PFA  | White |  |

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