



## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Coax                               | 1                              |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 4.10 - 5.00 mm                 |
| Matching parts                     | <a href="#">ERA.00.250.CTL</a> |
| Series                             | 00 - NIM-CAMAC                 |

## Technical details

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffc-00-250-ctad52.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffc-00-250-ctad52.html)

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## Electrical Configuration

|                            |                           |
|----------------------------|---------------------------|
| Coax                       | 1                         |
| Contact Termination Coax   | Solder                    |
| R (max)                    | 6.1 mOhm                  |
| Insert configuration value | 0.25 - 1 Coax (50 Ohm)    |
| Insulator                  | T: PTFE                   |
| Rated current              | 4 Amps                    |
| Impedance                  | 50 Ohm                    |
| VSWR                       | 1.09 + 0.11 * f/GHz       |
| Vtest                      | 2100 V (AC), 3000 V (DC)  |
| Contact Type               | Coaxial 50 Ohm (Solder)   |
| Test voltage               | 2.1 kV (rms)              |
| Cable type                 | Cable type: A RG 58 C/U S |
| Bucket Dia.                | 0.6 mm (0.024in)          |
| Contact Dia.               | 0.7 mm (0.028in)          |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FFC - Straight plug with flats on latch sleeve and oversize cable collet  |
| Plug                   | Straight  |
| 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 |
| Locking system         | Push-pull   |
| Keying                 | Circular, male  |
| Weight                 | 5.18 g  |

## Environment

|                                      |          |
|--------------------------------------|----------|
| Environmental protection (IP rating) | IP50     |
| F ret (min)                          | 100 N    |
| Salt Spray Corrosion                 | >1000 hr |

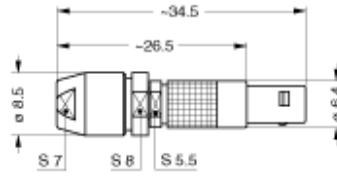
## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 4.10 - 5.00 mm                               |

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# Drawings



[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffc-00-250-ctad52.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffc-00-250-ctad52.html)

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