



## Summary

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|                |                 |
|----------------|-----------------|
| Coax           | 1               |
| Plug           | Plug - Straight |
| Locking system | Push-pull       |
| Series         | 00 - NIM-CAMAC  |

## Technical details

### Electrical Configuration

|                            |                              |
|----------------------------|------------------------------|
| Coax                       | 1                            |
| Contact Termination Coax   | Crimp                        |
| 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                       | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest                      | 2100 V (AC), 3000 V (DC)     |
| Contact retention          | 18 N                         |
| Contact Type               | Coaxial 50 Ohm (Crimp)       |
| Test voltage               | 2.1 kV (rms)                 |
| Bucket Dia.                | 0.6 mm (0.024in)             |
| Contact Dia.               | 0.7 mm (0.028in)             |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce44.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce44.html)

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## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | FFS - Straight plug with cable crimping                                                                                       |
| 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                 | 3.27 g                                                                                                                        |

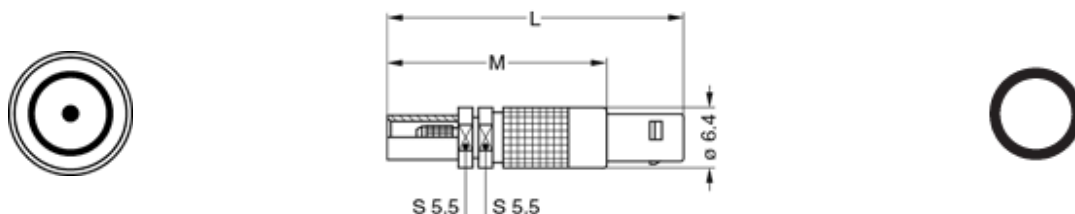
## Environment

|                                   |          |
|-----------------------------------|----------|
| Environmental sealing (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                | Crimp                                        |

# Drawings



## Dimensions

|     | L    | M    | A    |
|-----|------|------|------|
| mm. | 31   | 23   | 6.4  |
| in. | 1.22 | 0.91 | 0.25 |

# Recommended By Lemo

## Accessories

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## Tools

|                |                               |
|----------------|-------------------------------|
| Die Tool       | <a href="#">DPN.99.125.2K</a> |
| Crimp tool     | <a href="#">DPE.99.125.2K</a> |
| Spanner wrench | <a href="#">DCP.99.055.TC</a> |

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# Cables

| Cable PartNumber    | Material  | Colour | Cable image                                                                          |
|---------------------|-----------|--------|--------------------------------------------------------------------------------------|
| 17420               | PVC       | Black  |    |
| 17450               | COPOLYMER | Black  |    |
| 178190              | PTFE      | Brown  |                                                                                      |
| 18000               | PTFE      | Brown  |    |
| 18700               | PTFE      | White  |    |
| 18800               | PTFE      | White  |                                                                                      |
| 196270              | PTFE      | White  |                                                                                      |
| 31600               | PTFE      | Brown  |                                                                                      |
| 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.RG1.79BU26M  | FEP       | Brown  |                                                                                      |
| CCX.75.RG1.87AU26B  | PFA       | White  |                                                                                      |
| CCX.75.RG1.87AU27B  | PTFE      | White  |  |
| CCX.95.RG1.80BU36M  | PTFE      | Brown  |  |
| CCX.95.RG1.95AU37B  | PFA       | White  |                                                                                      |

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