



*Image for illustrative purpose only*

## Summary

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|                         |                                   |
|-------------------------|-----------------------------------|
| Nb of contacts Coax     | 1                                 |
| Plug                    | Plug - Straight                   |
| Locking system          | Push-pull                         |
| Size                    | 00                                |
| Suggested matching part | <a href="#">PSS.00.250.NTME31</a> |
| Series                  | 00 - NIM-CAMAC                    |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffs-00-250-ntce31.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffs-00-250-ntce31.html)

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# Technical details

## Electrical Configuration

|   |                              |
|---|------------------------------|
| Nb of contacts Coax                         | 1                            |
| Contact Termination Coax - Conductor fixing | Crimp                        |
| Contact Termination Coax - Screen fixing    | Crimp                        |
| R (max)                                     | 6.1 mOhm                     |
| Insert configuration value                  | 0.25 - 1 Coax (50 Ohm)       |
| Insulator                                   | T: PTFE                      |
| Rated current                               | 4 A                          |
| Impedance                                   | 50 Ohm                       |
| OHM   | 50                           |
| VSWR  | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest                                       | 2100 V (AC), 3000 V (DC)     |
| Contact retention                           | 18 N                         |
| Test voltage                                | 2.1 kV (rms)                 |
| Cable type                                  | Storm 421-099                |
| Bucket Dia.                                 | 0.6 mm (0.024in)             |
| Contact Dia.                                | 0.7 mm (0.028in)             |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FFS - Straight plug with cable crimping   |
| Plug                   | Straight  |
| Housing material       | Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Locking system         | Push-pull   |
| Keying                 | Circular, male  |
| Colour                 | Grey  |
| Weight                 | 3.23 g  |

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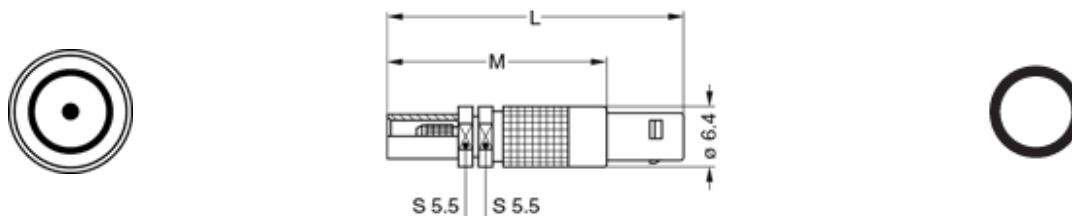
## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP50  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -55°C / +260°C (max. temperature valid for short periods of use.) |
| F ret (min)                       | 100 N   |
| Salt Spray Corrosion              | >144 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

Compatible cap [BFG.00.100.PCSG](#)

### Tools

Die Tool [DPN.99.123.8K](#)



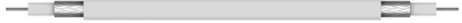


Crimp tool [DPE.99.123.8K](#)

Spanner wrench [DCP.99.055.TC](#)

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# Cables

| Cable PartNumber    | Material  | Colour | Cable image   |
|---------------------|-----------|--------|---|
| 17420               | PVC       | Black  |    |
| 17450               | COPOLYMER | Black  |    |
| 178190              | 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.RG1.79BU26M  | FEP       | Brown  |   |
| CCX.75.RG1.87AU26B  | PFA       | White  |   |
| CCX.75.RG1.87AU27B  | PTFE      | White  |  |

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