



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 | PSS.00.250.NTME31 |
| Series | 00 - NIM-CAMAC |

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 Ohms |
| 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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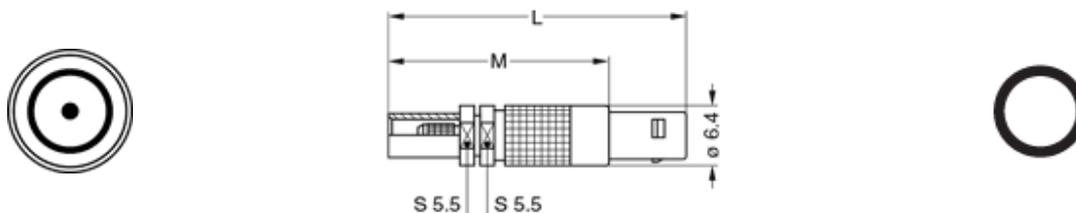
Environment

| | |
|-----------------------------------|---|
| 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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