



Summary

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| | |
|------------------------------------|-----------------------------------|
| Coax | 1 |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.30 - 2.70 mm |
| Matching parts | FFA.00.250.CTAC27 |
| Series | 00 - NIM-CAMAC |

Technical details

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/pca-00-250-ctlc27.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 316 /U S |
| Bucket Dia. | 0.6 mm (0.024in) |
| Contact Dia. | 0.7 mm (0.028in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PCA - Free receptacle with cable collet |
| Socket / Receptacle | Free |
| 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, female |
| Weight | 3.38 g |

Environment

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

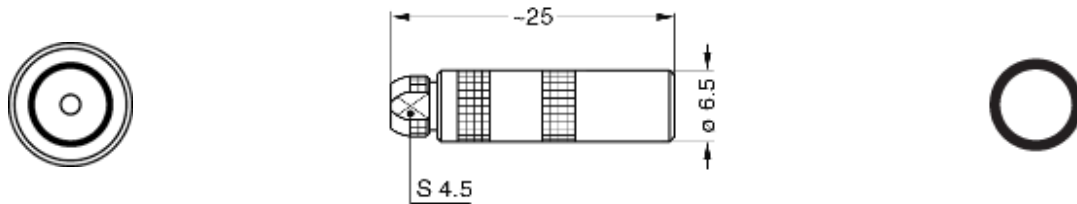
Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 2.30 - 2.70 mm |

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Drawings



Dimensions

| | A | L | S2 |
|-----|------|------|------|
| mm. | 6.5 | 25 | 4.5 |
| in. | 0.26 | 0.98 | 0.18 |

Recommended By Lemo

Accessories

Tools




Spanner wrench

[DCD.00.ZZZ.PA045](#)

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|-----------|--------|---|
| 17450 | COPOLYMER | Black |  |
| 18700 | PTFE | White |  |
| 18800 | PTFE | White | |
| CCX.50.RG0.58AU14B | FEP | white | |
| CCX.50.RG1.74-U25N | PVC | Black | |
| CCX.50.RG1.74U25N | PVC | Black | |
| CCX.50.RG1.88AU24B | TFE | white | |
| CCX.50.RG1.88AU26B | PFA | White | |
| CCX.50.RG1.88AU26B | PTFE | White | |
| CCX.50.RG3.16BU26M | FEP | Brown | |
| CCX.75.RG1.79BU26M | FEP | Brown | |
| CCX.75.RG1.87AU26B | PFA | White | |
| CCX.75.RG1.87AU27B | PTFE | White |  |

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