



## Summary

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|                                    |   |
|------------------------------------|---|
| Coax                               | 1   |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.80 - 2.20 mm                                  |
| Matching parts                     | <a href="#">FFA.00.250.CTAC22</a>               |
| Series                             | 00 - NIM-CAMAC                                  |

## Technical details

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/psa-00-250-ctlc22.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/psa-00-250-ctlc22.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                 | RG 196 A/U - RG 178 B/U - LEMO Germany reference 178 190 |
| Bucket Dia.                | 0.6 mm (0.024in)   |
| Contact Dia.               | 0.7 mm (0.028in)   |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | PSA - Fixed receptacle, nut fixing, with cable collet   |
| Socket / Receptacle    | Fixed Panel Front Mounted   |
| 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                 | 4.17 g  |

## Environment

|                          |          |
|--------------------------|----------|
| Environmental protection | 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] | 1.80 - 2.20 mm                               |

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# Recommended By Lemo

## Accessories

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## Tools

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Spanner wrench

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

# Cables

| Cable PartNumber    | Material | Colour | Cable image |
|---------------------|----------|--------|-------------|
| 178190              | PTFE     | Brown  |             |
| 196270              | PTFE     | White  |             |
| CCX.50.030.083.180B |          | white  |             |
| CCX.50.RG1.78BU18M  | FEP      | Brown  |             |
| CCX.50.RG1.78BU18M  | PTFE     | Brown  |             |
| CCX.50.RG1.96AU19B  | PTFE     | White  |             |
| CCX.50.RG1.96AU20B  | PFA      | White  |             |

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