



*Image for illustrative purpose only*

## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Nb of contacts Coax                | 1                              |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 3.00 - 3.60 mm                 |
| Size                               | 00                             |
| Suggested matching part            | <a href="#">ERA.00.250.CLL</a> |
| Series                             | 00 - NIM-CAMAC                 |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffa-00-250-clak37z.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-clak37z.html)

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# Technical details

## Electrical Configuration

|   |                              |
|---|------------------------------|
| Nb of contacts Coax                         | 1                            |
| Contact Termination Coax - Conductor fixing | Solder                       |
| R (max)                                     | 6.1 mOhm                     |
| Insert configuration value                  | 0.25 - 1 Coax (50 Ohm)       |
| Insulator                                   | L: PEEK (UL 94 / V-0/1.5)    |
| Rated current                               | 4 A                          |
| Impedance                                   | 50 Ohm                       |
| OHM   | 50                           |
| VSWR  | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest                                       | 2100 V (AC), 3000 V (DC)     |
| Test voltage                                | 2.1 kV (rms)                 |
| Cable type                                  | Huber Suhner G02232D         |
| Bucket Dia.                                 | 0.6 mm (0.024in)             |
| Contact Dia.                                | 0.7 mm (0.028in)             |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug with oversize cable collet and nut for fitting a bend relief  |
| 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  |
| Colour                 | Grey  |
| Variant                | Nut for fitting a bend relief   |

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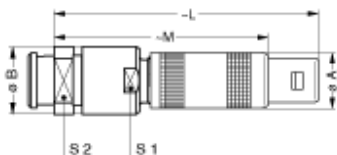
## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP50  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.) |
| F ret (min)                       | 100 N   |
| Salt Spray Corrosion              | >1000 hr  |

## Cable fixation

|                                    |                       |
|------------------------------------|-----------------------|
| Cable termination protection       | For cable bend relief |
| Fixation type                      | Cable collet          |
| Jacket cable outside diameter [mm] | 3.00 - 3.60 mm        |

## Drawings



## Dimensions

|     | L    | B    | A    | S2   | S1   | M    |
|-----|------|------|------|------|------|------|
| mm. | 44   | 8    | 6.4  | 6.5  | 7    | 36   |
| in. | 1.73 | 0.31 | 0.25 | 0.26 | 0.28 | 1.42 |

## Recommended By Lemo

### Accessories

|                |                                 |
|----------------|---------------------------------|
| Compatible cap | <a href="#">BFG.00.100.PCSG</a> |
|----------------|---------------------------------|

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# Cables

| Cable PartNumber   | Material | Colour | Cable image   |
|--------------------|----------|--------|---|
| 18000              | PTFE     | Brown  |  |
| CCX.75.040.195327G | PVC      | Grey   |   |
| CCX.95.RG1.80BU36M | PTFE     | Brown  |  |