



*Image for illustrative purpose only*

## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Nb of contacts Coax                | 1                              |
| Plug                               | Plug - Elbow                   |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 5.10 - 5.50 mm                 |
| Size                               | 00                             |
| Suggested matching part            | <a href="#">ERA.00.250.NTL</a> |
| Series                             | 00 - NIM-CAMAC                 |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/fla-00-250-ntad56.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/fla-00-250-ntad56.html)

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# Technical details

## Electrical Configuration

|                            |                              |
|----------------------------|------------------------------|
| Nb of contacts 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 A                          |
| Impedance                  | 50 Ohm                       |
| OHM                        | 50                           |
| VSWR                       | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest                      | 2100 V (AC), 3000 V (DC)     |
| Contact Type               | Coaxial 50 Ohm (Solder)      |
| Test voltage               | 2.1 kV (rms)                 |
| Bucket Dia.                | 0.6 mm (0.024in)             |
| Contact Dia.               | 0.7 mm (0.028in)             |

## Form & Material

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Shell style / Model id | FLA/D - Elbow plug with oversize cable collet                                           |
| Plug                   | Elbow                                                                                   |
| 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                 | 7.27 g                                                                                  |

## Environment

|                                   |                    |
|-----------------------------------|--------------------|
| Environmental sealing (IP rating) | IP50               |
| Endurance                         | 5000 mating cycles |
| Temperature range                 | -55°C / +260°C     |
| F ret (min)                       | 100 N              |
| Salt Spray Corrosion              | >144 hr            |

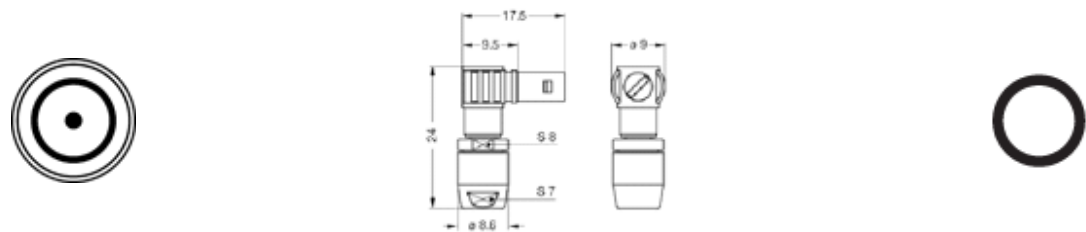
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Cable fixation

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 5.10 - 5.50 mm                               |

Drawings



Dimensions

|     | A    | D    | H    | L    | M    | S2   | S3   |
|-----|------|------|------|------|------|------|------|
| mm. | 9    | 8.6  | 24   | 17.5 | 9.5  | 7    | 8    |
| in. | 0.35 | 0.34 | 0.94 | 0.69 | 0.37 | 0.28 | 0.31 |

Recommended By Lemo

Accessories

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