



*Image for illustrative purpose only*

## Summary

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|                         |                                |
|-------------------------|--------------------------------|
| Nb of contacts Coax     | 1                              |
| Socket / Receptacle     | Socket / Receptacle - Elbow    |
| Locking system          | Push-pull                      |
| Size                    | 00                             |
| Suggested matching part | <a href="#">FVS.00.250.NTA</a> |
| Series                  | 00 - NIM-CAMAC                 |

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

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# Technical details

## Electrical Configuration

|                            |  |
|----------------------------|--|
| Nb of contacts Coax        | 1                                      |
| 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 (Printed Circuit Board) |
| Test voltage               | 2.1 kV (rms)                           |
| Contact Dia.               | 0.7 mm (0.028in)                       |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EPS - Elbow receptacle with two nuts, for printed circuit                               |
| Socket / Receptacle    | 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, female  |
| Colour                 | Grey  |
| Weight                 | 5.45 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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# Recommended By Lemo

## Accessories

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Compatible cap

[BRE.00.200.NAS](#)

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