

## Summary

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|                |                                |
|----------------|--------------------------------|
| Coax           | 1                              |
| Plug           | Plug - Elbow                   |
| Locking system | Push-pull                      |
| Matching parts | <a href="#">ERA.00.250.CTL</a> |
| Series         | 00 - NIM-CAMAC                 |

## Technical details

### 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                       | $1.09 + 0.11 * f/\text{GHz}$ |
| 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 58 C/U S    |
| Bucket Dia.                | 0.6 mm (0.024in)             |
| Contact Dia.               | 0.7 mm (0.028in)             |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/fls-00-250-ctae52.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/fls-00-250-ctae52.html)

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## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FLS - Elbow plug cable crimping   |
| Plug                   | Elbow   |
| 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  |
| Weight                 | 4.85 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                | Crimp  |

# Recommended By Lemo

## Accessories








## Tools

|            |                               |
|------------|-------------------------------|
| Die Tool   | <a href="#">DPN.99.176.2K</a> |
| Crimp tool | <a href="#">DPE.99.176.2K</a> |

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# Cables

| Cable PartNumber    | Material  | Colour | Cable image  |
|---------------------|-----------|--------|--|
| 17420               | PVC       | Black  |    |
| 17450               | COPOLYMER | Black  |    |
| 178190              | PTFE      | Brown  |  |
| 18000               | PTFE      | Brown  |    |
| 18700               | PTFE      | White  |    |
| 18800               | PTFE      | White  |  |
| 196270              | PTFE      | White  |  |
| 31600               | PTFE      | Brown  |  |
| CCX.50.030.083.180B |           | white  |  |
| CCX.50.RG0.58AU14B  | FEP       | white  |  |
| CCX.50.RG1.74-U25N  | PVC       | Black  |  |
| CCX.50.RG1.74AU28N  | PVC       | Black  |  |
| CCX.50.RG1.74AU28N  | PVC       | Black  |    |
| CCX.50.RG1.74U25N   | PVC       | Black  |  |
| CCX.50.RG1.78BU18M  | FEP       | Brown  |  |
| CCX.50.RG1.78BU18M  | PTFE      | Brown  |  |
| CCX.50.RG1.88AU24B  | TFE       | white  |  |
| CCX.50.RG1.88AU26B  | PFA       | White  |  |
| CCX.50.RG1.88AU26B  | PTFE      | White  |  |
| CCX.50.RG1.96AU19B  | PTFE      | White  |  |
| CCX.50.RG1.96AU20B  | PFA       | White  |  |
| CCX.50.RG3.16BU26M  | FEP       | Brown  |  |
| CCX.50.RG3.16U28M   | PTFE      | Brown  |  |
| CCX.75.040.195327G  | PVC       | Grey   |  |
| CCX.75.RG1.79BU26M  | FEP       | Brown  |  |
| CCX.75.RG1.87AU26B  | PFA       | White  |  |
| CCX.75.RG1.87AU27B  | PTFE      | White  |  |
| CCX.95.RG1.80BU36M  | PTFE      | Brown  |  |
| CCX.95.RG1.95AU37B  | PFA       | White  |  |

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