

Special

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[Coax triax mixed en](#)

|                                    |                                |
|------------------------------------|--------------------------------|
| Nb of contacts Coax                | 1                              |
| Plug                               | Plug - Elbow                   |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 4.20 - 5.20 mm                 |
| Size                               | 1S                             |
| Suggested matching part            | <a href="#">ERA.1S.250.CTL</a> |
| Series                             | S - Indoor Stepped Insert      |

# Technical details

## Electrical Configuration

|   |                              |
|---|------------------------------|
| Nb of contacts Coax                         | 1                            |
| Contact Termination Coax - Conductor fixing | Solder                       |
| Insert configuration value                  | 15.250 - 1 Coax (50 Ohm)     |
| Insulator                                   | T: PTFE                      |
| Rated current                               | 12 A                         |
| Impedance                                   | 50 Ohms                      |
| VSWR  | $1.01 + 0.23 * f/\text{GHz}$ |
| Vtest                                       | 3000 V (AC), 4200 V (DC)     |
| Cable type                                  | 10360                        |
| Bucket Dia.                                 | 1.4 mm (0.055in)             |
| Contact Dia.                                | 1.6 mm (0.063in)             |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FLA - Elbow plug, cable collet  |
| 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  |
| Colour                 | Gray  |
| Weight                 | 24.74 g   |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

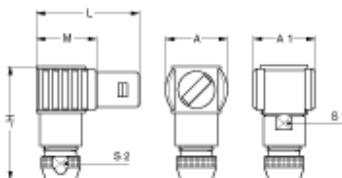
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50  |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.)       |
| Climatic Category                 | 55/175/21   |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]  |
| Shielding (min)                   | 75 dB (10 MHz)  |
| Shielding (min)                   | 40 dB (1 GHz)   |
| Shock Resistance                  | 100 g [ 6 ms]   |
| Vibration                         | 15 g [10 Hz - 2000 Hz]  |
| Salt Spray Corrosion              | >144 hr   |

## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 4.20 - 5.20 mm                               |

## Drawings



## Dimensions

|     | <b>A</b> | <b>H</b> | <b>L</b> | <b>M</b> | <b>S1</b> | <b>S2</b> | <b>A1</b> |
|-----|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 16       | 28.5     | 26.5     | 15.5     | 10        | 8.5       | 16        |
| in. | 0.63     | 1.12     | 1.04     | 0.61     | 0.39      | 0.33      | 0.63      |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Recommended By Lemo

## Accessories

Compatible cap

[BFG.1B.100.PCZG](#)

## Cables

| Cable PartNumber   | Material | Colour | Cable image   |
|--------------------|----------|--------|---|
| 158480             | PUR      | Black  |  |
| 158490             | PVC      | Black  |  |
| CCX.50.088.292495N | PVC      | Black  |   |
| CCX.50.RG5.8CU50N  | PVC      | Black  |   |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-1s-250-ctac52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.