



## Summary

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|                |                           |
|----------------|---------------------------|
| Coax           | 1                         |
| Locking system | Push-pull                 |
| Size           | 1S                        |
| Series         | S - Indoor Stepped Insert |

## Technical details

### Electrical Configuration

|                            |  |
|----------------------------|--|
| Coax                       | 1  |
| Insert configuration value | 1S.250 - 1 Coax (50 Ohm)   |
| Insulator                  | T: PTFE  |
| Rated current              | 12 Amps  |
| Cable type                 | Cable type: A RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U S |

### Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FTA - T-plug with two in line receptacles   |
| 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                 | 3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)   |
| Weight                 | 30.01 g   |

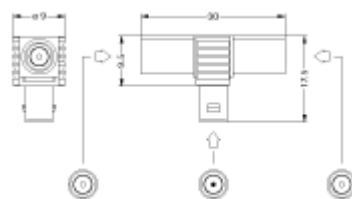
[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/fta-1s-250-ctf.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fta-1s-250-ctf.html)

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## Environment

|                                      |   |
|--------------------------------------|---|
| Technical domain                     | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental protection (IP rating) | IP50  |
| Minimal temperature                  | -55°C / +250°C  |
| Climatical Category                  | 50/175/21   |
| 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                 | >1000 hr  |

## Drawings



## Dimensions

|     | I    | L    | A    | H    |
|-----|------|------|------|------|
| mm. | 16.5 | 45   | 16   | 26.5 |
| in. | 0.65 | 1.77 | 0.63 | 1.04 |

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

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