

**Special**

*Image for illustrative purpose only*

## Summary

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

|                                    |                                |
|------------------------------------|--------------------------------|
| Nb of contacts Triax               | 1                              |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 9.10 - 10.00 mm                |
| Size                               | 4S                             |
| Suggested matching part            | <a href="#">ERA.4S.675.CTL</a> |
| Series                             | S - Indoor Stepped Insert      |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-675-ctac10z.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-675-ctac10z.html)

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# Technical details

## Electrical Configuration

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Nb of contacts Triax       | 1                                                                                                    |
| Contact Termination Triax  | Solder                                                                                               |
| Insert configuration value | 4S.675 - 1 Triax (75 Ohm)                                                                            |
| Insulator                  | T: PTFE                                                                                              |
| Rated current              | 15 A                                                                                                 |
| Impedance                  | 75 Ohms                                                                                              |
| VSWR                       | $1.01 + 0.14 * f/\text{GHz}$                                                                         |
| Vtest                      | 1500 V (AC), 2100 V (DC)                                                                             |
| Cable type                 | Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267,8233A, Triax 11 Nokia,466 140 LEDE |

## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | FFA - Straight plug, cable collet and nut for fitting a bend relief                                                           |
| Plug                   | Straight                                                                                                                      |
| 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                 | Grey                                                                                                                          |
| Variant                | Nut for fitting a bend relief                                                                                                 |
| Weight                 | 152.76 g                                                                                                                      |

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## Environment

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| Technical domain                  | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50                                                                    |
| Endurance                         | 5000 mating cycles                                                      |
| 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              | >1000 hr                                                                |

## Cable fixation

|                                    |                       |
|------------------------------------|-----------------------|
| Cable termination protection       | For cable bend relief |
| Fixation type                      | Cable collet          |
| Jacket cable outside diameter [mm] | 9.10 - 10.00 mm       |

# Recommended By Lemo

## Caps

|                |                                |
|----------------|--------------------------------|
| Compatible cap | <a href="#">BFA.4S.100.NAS</a> |
| Cap 2          | <a href="#">BFA.4S.100.NAV</a> |

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