



Summary

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| | |
|------------------------------------|---|
| Nb of contacts Triax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 12.60 - 13.00 mm |
| Size | 4S |
| Matching parts | FFA.4S.650.CTAC13 |
| Series | S - Indoor Stepped Insert |

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-4s-650-ctlc13.html

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Electrical Configuration

| | |
|----------------------------|---|
| Nb of contacts Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 4S.650 - 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 26 Amps |
| Impedance | 50 Ohm |
| VSWR | 1.01 + 0.38 * f/GHz |
| Vtest | 2700 V (AC), 3800 V (DC) |
| Contact Type | Triaxial 50 Ohm (Solder) |
| Cable type | Cable type: A Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267 S |
| Contact Dia. | 3 mm (0.118in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PSA - Fixed receptacle, nut fixing, cable collet |
| Socket / Receptacle | Fixed Panel Front Mounted |
| 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, female |
| Weight | 146.96 g |

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 |
| 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 |

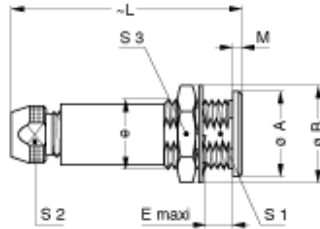
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 12.60 - 13.00 mm |

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S2 | S3 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 28 | 32 | M25x1.0 | 12 | 75 | 2.5 | 23.5 | 19 | 30 |
| in. | 1.1 | 1.26 | | 0.47 | 2.95 | 0.1 | 0.93 | 0.75 | 1.18 |

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