



Summary

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| | |
|------------------------------------|---|
| Triax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm |
| Size | 0S |
| Matching parts | FFA.0S.650.CLAC17 |
| Series | S - Indoor Stepped Insert |

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ern-0s-650-ctl.html

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Electrical Configuration

| | |
|----------------------------|----------------------------------|
| Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 0S.650 - 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 Amps |
| Impedance | 50 Ohm |
| VSWR | 1.03 + 0.34 * f/GHz |
| Vtest | 1200 V (AC), 1700 V (DC) |
| Contact Type | Triaxial 50 Ohm (Solder) |
| Cable type | Cable type: A RGT 178, RGT 174 S |
| Bucket Dia. | 0.8 |
| Contact Dia. | 0.9 mm (0.035" in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | ERN - Fixed receptacle, nut fixing, with grounding tab |
| 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 | 4.27 g |

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 |

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Cable fixation

| | |
|------------------------------------|----------------|
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm |
|------------------------------------|----------------|