



Summary

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| | |
|------------------------------------|--------------------------------|
| Triax | 1 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 7.10 - 7.50 mm |
| Matching parts | ERA.2E.675.CLL |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|----------------------------|---|
| Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 2E.675 - 1 Triax (75 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 Amps |
| Impedance | 75 Ohm |
| VSWR | $1.02 + 0.07 * f/\text{GHz}$ |
| Vtest | 1200 V (AC), 1690 V (DC) |
| Contact Type | Triaxial 75 Ohm (Solder) |
| Cable type | Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, RGT 179 |
| Contact Dia. | 0.9 mm (0.035in) |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-2e-675-ctac75.html

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Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Circular, male |
| Weight | 40.91 g |

Environment

| | |
|--------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental protection | IP68 |
| Minimal temperature | -55°C / +200°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 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 | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 7.10 - 7.50 mm |

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