



Summary

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| | |
|------------------------------------|--------------------------------|
| Nb of contacts Coax | 1 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.80 - 3.10 mm |
| Matching parts | ERA.00.250.CTL |
| Series | 00 - NIM-CAMAC |

Technical details

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ctac29.html

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Electrical Configuration

| | |
|----------------------------|---------------------------|
| Nb of contacts Coax | 1 |
| Contact Termination Coax | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0.25 - 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 4 Amps |
| Impedance | 50 Ohm |
| VSWR | 1.09 + 0.11 * f/GHz |
| Vtest | 2100 V (AC), 3000 V (DC) |
| Contact Type | Coaxial 50 Ohm (Solder) |
| Test voltage | 2.1 kV (rms) |
| Cable type | Cable type: A RG 316 /U S |
| Bucket Dia. | 0.6 mm (0.024in) |
| Contact Dia. | 0.7 mm (0.028in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug with cable collet |
| 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 |
| Weight | 2.81 g |

Environment

| | |
|-----------------------------------|--------------------|
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| F ret (min) | 100 N |
| 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] | 2.80 - 3.10 mm |



Recommended By Lemo

Accessories

Tools

| | |
|----------------|----------------------------------|
| Spanner wrench | DCD.00.ZZZ.PA045 |
|----------------|----------------------------------|

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|---|
| 17420 | PVC | Black |  |
| 31600 | PTFE | Brown | |
| CCX.50.RG1.74AU28N | PVC | Black | |
| CCX.50.RG1.74AU28N | PVC | Black |  |
| CCX.50.RG3.16U28M | PTFE | Brown | |

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