



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|--------------------------------|
| Nb of contacts Coax | 1 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.80 - 3.10 mm |
| Size | 00 |
| Suggested matching part | ERA.00.250.NTL |
| Series | 00 - NIM-CAMAC |

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ntlc31.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

| | |
|---|------------------------------|
| Nb of contacts Coax | 1 |
| Contact Termination Coax - Conductor fixing | Solder |
| Contact Termination Coax - Screen fixing | Cable collet |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0.25 - 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 4 A |
| Impedance | 50 Ohm |
| OHM | 50 |
| VSWR | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest | 2100 V (AC), 3000 V (DC) |
| Test voltage | 2.1 kV (rms) |
| Cable type | RG 174 A/U |
| 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 (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | Circular, female |
| Colour | Grey |
| Weight | 2.83 g |

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ntlc31.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

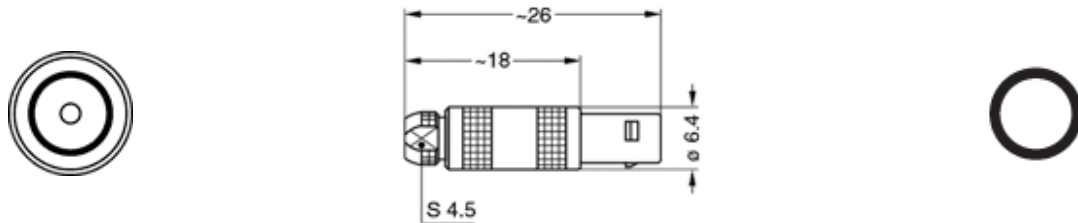
Environment

| | |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +260°C (max. temperature valid for short periods of use.) |
| F ret (min) | 100 N |
| Salt Spray Corrosion | >144 hr |

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 |

Drawings



Dimensions

| | A | L | M |
|-----|------|------|------|
| mm. | 6.4 | 26 | 18 |
| in. | 0.25 | 1.02 | 0.71 |

Recommended By Lemo



Accessories

| | |
|----------------|---------------------------------|
| Compatible cap | BFG.00.100.PCSG |
|----------------|---------------------------------|

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ntlc31.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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 | |

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ntlc31.html

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.