

Special*Image for illustrative purpose only*

Summary

[Request a quote](#)[00and01Coaxial en](#)

| | |
|------------------------------------|---|
| Nb of contacts Coax | 1 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.80 - 2.20 mm |
| Size | 00 |
| Suggested matching part | ERA.00.250.NTL PCA.00.250.NTLC22 |
| Series | 00 - NIM-CAMAC |

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ntac22.html

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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 Ohms |
| VSWR | $1.09 + 0.11 * f/\text{GHz}$ |
| Vtest | 2100 V (AC), 3000 V (DC) |
| Test voltage | 2.1 kV (rms) |
| Cable type | RG 196 A/U - RG 178 B/U - LEMO Germany reference 178 190 |
| 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, male |
| Colour | Grey |
| Weight | 2.88 g |

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 |

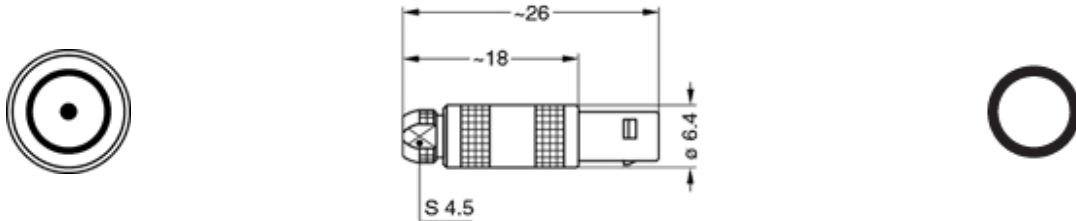
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 1.80 - 2.20 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 |
|----------------|---------------------------------|

Cables

| Cable PartNumber | Material | Colour | Cable image |
|---------------------|----------|--------|-------------|
| 178190 | PTFE | Brown | |
| 196270 | PTFE | White | |
| CCX.50.030.083.180B | | white | |
| CCX.50.RG1.78BU18M | FEP | Brown | |
| CCX.50.RG1.78BU18M | PTFE | Brown | |
| CCX.50.RG1.96AU19B | PTFE | White | |
| CCX.50.RG1.96AU20B | PFA | White | |

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