

View

Cable Connectors

Extremely reliable and robust. 2,4 and 8 pole versions with `Quick Lock` system. Neutrik unique chuck type strain relief. Cable connectors have solid contacts with screw-type terminals, a special stranded wire protection and are solderable too. Excellent price / performance ratio.

TECHNICAL DATA

Electrical

Rated current/contact: 30 A rms continuous,
40 A rms 1 min.

Dielectric strength: 4kV peak

Rated voltage: 250 V ac

Contact resistance: = 3 m Ω (= 10 m Ω for NL4MD-H) after 5000 insertion-withdrawal operations

Insulation resistance - initial: > 2 G Ω

- after damp heat test: > 500 M Ω

Inrush/outrush current capability (12 V source): 300/30 A/200 ms

Creepage distance: according to IEC 664-1

Mechanical

Retention method: Quicklock with latch

Cable anchoring: NEUTRIK® chuck principle

Cable O.D. range:

6 - 10 mm (2 pole)

5 - 15 mm (4 pole)

8 - 20 mm (8 pole)

Cable retention force: = 220 N Subject to cable die and material

WIRING:

- Cable: screw-type terminals (crush ferrules provided for use with stranded cable) on 8 pole version or soldering (12 AWG stranded)

- Chassis: flat tabs for FASTON 0.187" x 0.02" (4.8 mm x 0.5 mm) or PCB-version with pins 1.6 mm x 0.5 mm (FASTON is a trademark of AMP Inc.)

Materials

Contacts: CuZn39Pb3 / ZnAl4Cu1 / CuSn8, 4 μ m Ag plated

Securing element: ZnAl4Cu1, CuNi plated

Spring element: Neoprene ring

Housing: PA 6 30% GR

Insert (FC part): PBTP 20% GR

Bushing: PA 6 15% GR

Chuck: POM

Temperature range: -30°C to +80°C

WIRING

Amplifier

Stereo ("HIFI"): one NL4MP socket left channel pins 1+/1- right channel pins 2+/2-

Power ("PA") Standard: three NL4MP sockets "A" socket: left channel pins 1+/1- "B" socket: right channel pins 1+/1-

Bridged mono: "M" socket: left channel pins 1+/1- right channel pins 2+/2-

BI-Amp: one NL4MP socket low frequency pins 1+/1- high frequency pins 2+/2-

Cable

Stereo ("HIFI"): NL4FC on amplifier end, four conductor cable splits into two pairs with NL4FC on each end

Power ("PA") Standard: a two-conductor cable for each channel with NL4FC on both ends

Bridged mono: a special two-conductor cable, on both ends wired to pin 1+/2+ of NL4FC

BI-Amp: a four-conductor cable on both ends wired to pins 1+/1-, 2+/2- of NL4FC

Speaker

Stereo ("HIFI"): one NL4MP per speaker left speaker pins 1+/1- right speaker pins 2+/2-

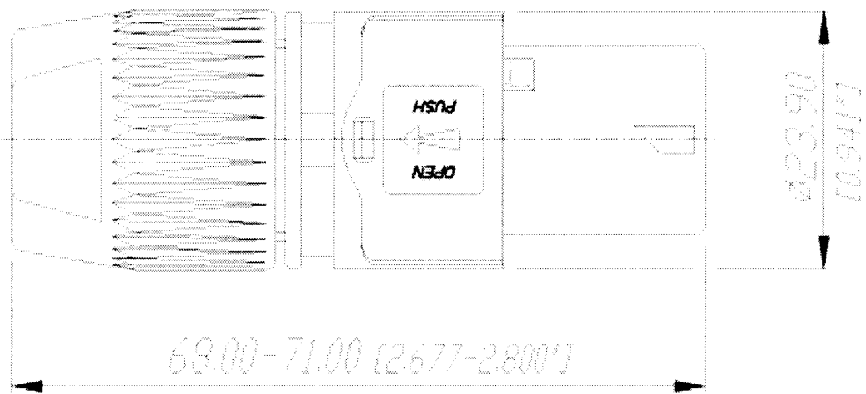
Power ("PA") Standard: NL4MP pin 1+ to speaker coil "+" NL4MP pins 1- and 2+ to speaker coil "-"

Bridged mono: NL4MP pin 1+ to speaker coil "+" NL4MP pins 1- and 2+ to speaker coil "-"

BI-Amp: one NL4MP socket low frequency pins 1+/1- high frequency pins 2+/2-

NL2FC

2-pole cable connector with latch lock. Integrated cable clamp for cables 5 - 10 mm diameter. Interates with 4-pole chassis connector and makes contact with +1/-1.



► Photo View

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