



NC6MX-B
6 pole cable connector, male. Black metal housing and gold contacts.

TECHNICAL DATA

Electrical

Number of contacts: 6
Contact resistance: $\approx 3 \text{ m}\Omega$
Insulation resistance
- initial: $> 2 \text{ G}\Omega$
- after damp heat test: $> 1 \text{ G}\Omega$
Dielectric strength: 1500 V dc
Rated current: 7.5 A
AWG: 1.0 mm²/18 AWG
Capacitance between contacts: $\approx 7 \text{ pF}$

Mechanical

Lifetime: > 1000 cycles
Insertion / withdrawal force: $\approx 20 \text{ N}$
Cable O.D. range: 3.5 mm - 8.0 mm

Materials

Shell: ZnAl4Cu1, black Cr over Cu plating
Insert: PA 6.6 30% GR (glass reinforced)
Contacts: CuZn39Pb3
Contact surface: gal 0.2 μm Au hard alloy over 2 μm Ni
Strain-relief clamp: POM
Antikink bushing: PUR

Environmental

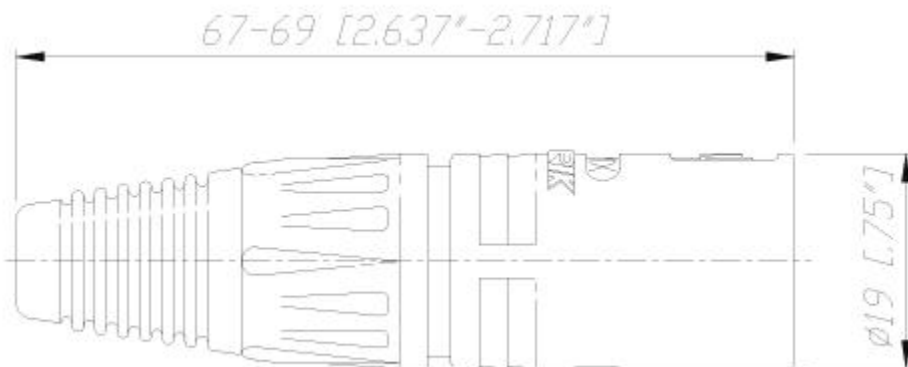
Temperature range: -30° C to + 80° C
Flammability: UL 94HB
Solderability: complies with IEC 68-2-20

Compatibility / Remarks

Compatibility: IEC tentative standard & Switchcraft® QG (except 6 pole) & Cannon XLR

Special 6-pole version, compatible to Switchcraft® QG (not according to IEC):

- NC6FSX [-B] / [-BAG]
- NC6MSX [-B] / [-BAG]



XLR Cable Connectors / X Series

N...Standard Neutrik® product

N...Non standard Neutrik® product, only available from Neutrik® USA Inc.