



NC3FXX-B

3 pole cable connector, female. Black metal housing and gold contacts.

TECHNICAL DATA

Electrical

Number of contacts: 3
Contact resistance: ≤ 3 m Ohm
Insulation resistance
- initial: > 2 G Ohm
- after damp heat test: > 1 G Ohm
Dielectric strength: 1500 V dc
Rated current: 16 A
AWG: 2.5 mm²/14 AWG
Capacitance between contacts: ≤ 4 pF

Mechanical

Lifetime: > 1000 cycles
Insertion / withdrawal force: ≤ 20 N
Cable O.D. range: 3.5 mm - 8.0 mm

Materials

Shell: Zinc diecast ZnAl4Cu1, gal Cr over Cu plating
Insert: Polyamide PA 6.6 30% GR (glass reinforced)
Contacts: Bronze CuSn6
Contact surface: gal 0.2 μ m Au hard alloy over 2 μ m Ni
Latch lock (female): St3K32
Strain-relief clamp: POM
Antikink bushing: PA + PU

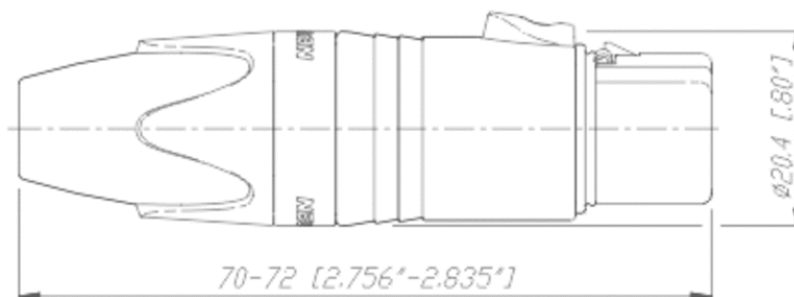
Environmental

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

Compatibility:

IEC 61076-2-103 standard & Switchcraft® QG & Cannon XLR

[PDF](#) [DXF](#)



XLR Cable Connectors / XX Series

The next generation of the worldwide accepted standard. Female connector with cage type contacts, "solder stop" for ease soldering and additional ground contact for best contact integrity between chassis and cable connector. Male connector without locking "window"; more stringent housing. Rugged diecast shell in sleek and ergonomic design.