



### NC3FXX-B

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

#### TECHNICAL DATA

##### Electrical

Number of contacts: 3

Contact resistance:  $\leq 3 \text{ m Ohm}$

Insulation resistance

- initial:  $> 2 \text{ G Ohm}$

- after damp heat test:  $> 1 \text{ G Ohm}$

Dielectric strength: 1500 V dc

Rated current: 16 A

AWG: 2.5 mm<sup>2</sup>/14 AWG

Capacitance between contacts:  $\leq 4 \text{ pF}$

##### Mechanical

Lifetime:  $> 1000$  cycles

Insertion / withdrawal force:  $\leq 20 \text{ N}$

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  $\mu\text{m}$  Au hard alloy over 2  $\mu\text{m}$  Ni

Latch lock (female): St3K32

Strain-relief clamp: POM

Antikink bushing: PA + PU

##### Environmental

Temperature range: -30° C to + 80° C

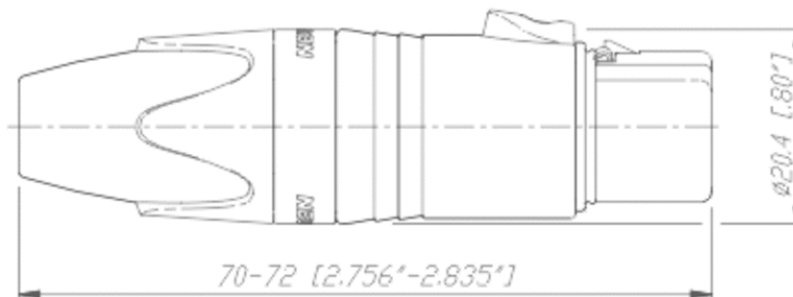
Flammability: UL 94HB

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.