

NC3FXX

3 pole cable connector, female. Nickel housing and silver 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: $2.5 \text{ mm}^2/14 \text{ AWG}$

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

Mechanical

Lifetime: $> 1000 \text{ cycles}$

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

Cable O.D. range: $3.5 \text{ mm} - 8.0 \text{ mm}$

Materials

Shell: Zinc diecast ZnAl4Cu1, gal Ni over Cu plating

Insert: Polyamide PA 6.6 30% GR (glass reinforced)

Contacts: Bronze CuSn8

Contact surface: gal $2 \text{ }\mu\text{m}$ Ag silver

Latch lock (female): St3K32

Strain-relief clamp: POM

Antikink bushing: PA + PU

Environmental

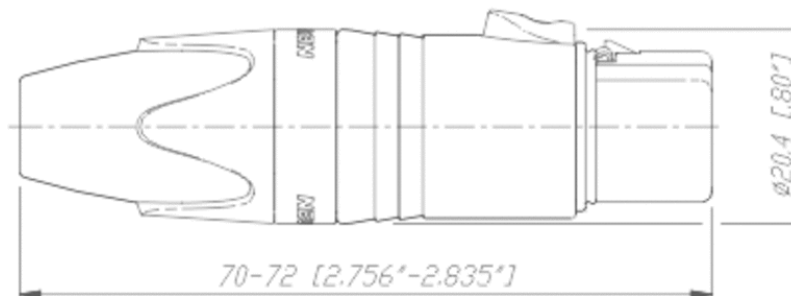
Temperature range: $-30^\circ \text{ C to } +80^\circ \text{ C}$

Flammability: UL 94HB

Solderability: complies with IEC 68-2-20

Compatibility:

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



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.