



NC3FXS-B

3 pole female cable connector, black metal housing

FX cable connector with noiseless ON-OFF switch short-circuiting contacts 2+3. For use with a microphone without switch.

Features & Benefits

- Built in noiseless ON-OFF switch short-circuiting contacts 2 + 3
- Rugged zinc diecast shell, long lasting and durable
- Chuck type strain relief system for secure clamping of cables
- For use on a microphone without switch
- Rugged metal boot
- Boot with rubber gland gives high protection against bending stresses

Technical Information

| Product | |
|-----------------|----------|
| Title | NC3FXS-B |
| Connection Type | XLR |
| Gender | female |

| Electrical | |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$ |
| Contact resistance | $\leq 3 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 16 A |
| Rated voltage | $< 50 \text{ V}$ |

| Mechanical | |
|------------------|-------------------------|
| Cable O.D. | 3.5 - 7.0 mm |
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 2.5 mm^2 |
| Wiresize | max. 14 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |

| Material | |
|-----------------|-----------------------------------|
| Boot | Polyurethan |
| Contact plating | 0.2 µm Au hard alloy over 2 µm Ni |
| Contacts | Bronze (CuSn6) |
| Insert | Polyamide (PA66) |
| Locking element | St3K32 (latch) / Ck 67 (spring) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell coating | Black KTL |
| Strain relief | Polyacetal (POM) |

| Environmental | |
|---------------------|---------------------------|
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP 40 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |