



AUDIO  
TECHNOLOGIES®

## XLR CABLE CONNECTORS

### 3 PIN XLR- Gold Plated

3 pin, gold plated XLR style connectors perfect for use in audio cables and also in entry level DMX cables.



IO-XLR3-M-BKAU

IO-XLR3-F-BKAU

## SPECIFICATIONS

### PRODUCT

Gender: **Male (IO-XLR3-M-BKAU)**

**Female (IO-XLR3-F-BKAU)**

Contacts: **3**

### ELECTRICAL

Capacitance Between Contacts: **< 2 pF**

Capacitance Between Contact and Ground: **< 2 pF**

Contact Resistance: **< 3 mΩ**

Insulation Resistance: **≥ 5000 MΩ**

Dielectric Strength: **1500V @ 60s**

Current Rating: **15A / 125V AC**

### ENVIRONMENTAL

UL Flammability Rating: **UL94V-0**

Standard Compliance: **IEC 61076-2-103**

Temperature Range: **-40°C ~ +70° C (-40°F ~ +158°F)**

### MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Cable O.D.: **3.5mm - 8.0mm**

Wiresize (Max O.D.): **2.0mm (M)**

**2.5mm (F)**

Wiring: **Solder Contacts**

Solderability: **Complies with IEC 60068-2-20**

### MATERIAL

Pins: **Brass (Male)**

**Phosphor Bronze (Female)**

Pin Plating: **Gold**

Push Button: **Nickel Plated Zinc Alloy**

Latch: **Tin Plated Stainless Steel**

Shell: **Black (Electrocoated) Zinc Alloy**

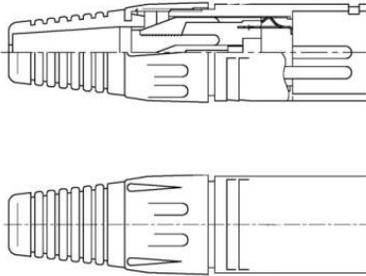
Chuck: **POM**

Boot: **Black PVC**

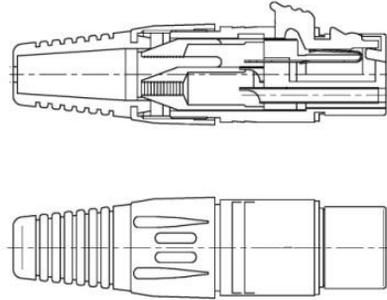
Product specifications may change without prior notification

## DRAWINGS

**IO-XLR3-M-BKAU**



**IO-XLR3-F-BKAU**



## FEATURES & APPLICATIONS

The IO-XLR3-M-BKAU and IO-XLR3-F-BKAU connectors feature durable die cast zinc shells with built in latch locks which provide a reliable connection when mated with the opposite gender. They also feature a sturdy plastic insert that tightens onto the cable to provide strain relief while an additional rubber boot delivers extended support from excessive bending. The gold plated contacts help extend the useful life of the cable.

3 pin XLR connectors are a perfect solution for applications requiring a rugged and dependable locking connection. Because the housing construction is threaded, the connectors require no tools for assembly, making them ideal for onsite termination and allow the user to be able to troubleshoot connection issues quickly. This connector is perfect for use in balanced audio, DMX, low voltage power, and control applications where the termination method is solder cups. These connectors are also available with silver plated contacts (IO-XLR3-M-BK & IO-XLR3-F-BK)

### PART NUMBER BREAKDOWN

IO-XLR3-M-BKAU  
Connector Type  
IO-XLR3-M-BKAU  
Number of Pins  
IO-XLR3-M-BKAU  
Gender  
IO-XLR3-M-BKAU  
Body Color  
IO-XLR3-M-BKAU  
Gold Contacts

### STANDARDS & CLASSIFICATIONS



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