



AUDIO  
TECHNOLOGIES®

## XLR CABLE CONNECTORS

### 3 PIN XLR

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



IO-XLR3-M-BK

IO-XLR3-F-BK

## SPECIFICATIONS

### PRODUCT

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

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

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

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

UL Flammability Rating: **UL94V-0**

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

### MECHANICAL

Lifetime: **> 1000 Mating Cycles**

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

Wiresize: **2.0mm Max (M)**

**2.5mm Max (F)**

Wiring: **Solder Contacts**

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

### MATERIAL

Pins: **Brass (Male)**

**Phosphor Bronze (Female)**

Pin Plating: **Silver**

Push Button: **Nickel Plated Zinc Alloy**

Latch: **Tin Plated Stainless Steel**

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

Chuck: **POM**

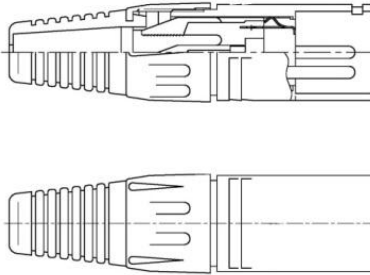
Boot: **Black PVC**

Product specifications may change without prior notification

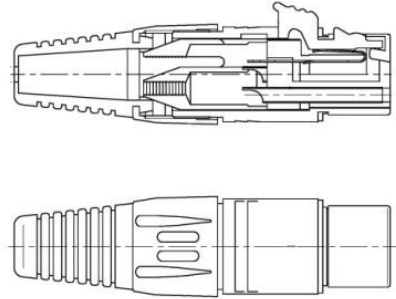
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## DRAWINGS

**IO-XLR3-M-BK**



**IO-XLR3-F-BK**



## FEATURES & APPLICATIONS

The IO-XLR3-M-BK and IO-XLR3-F-BK 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 silver plated contacts ensure a great signal every time. 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 gold plated contacts (IO-XLR3-M-BKAU & IO-XLR3-F-BKAU)

### PART NUMBER BREAKDOWN

IO-**XLR**3-M-BK  
Connector Type  
IO-XLR**3**-M-BK  
Number of Pins  
IO-XLR3-**M**-BK  
Gender  
IO-XLR3-M-**BK**  
Body Color

### STANDARDS & CLASSIFICATIONS



Product specifications may change without prior notification

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