

## BALANCED XLR CABLE

### PROFESSIONAL SERIES

Io Audio Technologies' Professional Series XLR cable contains high-quality materials including OFC conductors and XLPE insulation. The decision to use these materials ensures that the final product will operate with the utmost fidelity.

### FLEXIBLE PVC JACKET

The Professional Series comes complete with a sturdy PVC jacket that is easy on your hands while coiling or setting up but still protects the interior workings of the cable from the harsh environment.

### RUGGED CONNECTORS

Our black zinc die-cast connectors can withstand the rigors of any environment. A plastic insert serves as a primary strain relief by clamping onto the cable jacket while the black rubber boot protects the junction from excessive bending.

### BRAIDED SHIELD

The cable includes a tinned copper braided shield which provides up to 97% coverage and makes the signal transmission as pristine and free of EMI as possible.



### APPLICATIONS

Our Professional Series 3 Pin XLR cables are designed to be a rugged solution for wiring your professional sound rigs with a balanced audio connection. This cable can also be used for other control applications.

### INDUSTRIES

- Pro Audio Manufacturing
- Pro Video Manufacturing
- Electronics Hobbyists
- Pro Lighting Manufacturing
- Medical Instruments
- Communications

Product specifications may change without prior notification

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## SPECIFICATION

### Product

- Part Number: **IO-XLR3-XX-P**
- Number of Conductors: **2 plus shield**

### Conductors

- Details: **60/0.08mm BC OFC**
- Size: **23 AWG**

### Electrical and Mechanical Characteristics

- Conductor DC Resistance ( $\Omega/m$ ):  **$0.062 \pm 1\%$**
- Shield DC Resistance ( $\Omega/m$ ):  **$0.021 \pm 1\%$**
- Capacitance Between Conductors (pF/ft):  **$\leq 15.4$**
- Capacitance Between Conductor and Shield (pF/ft):  **$\leq 27.6$**
- Voltage Breakdown: **300V**
- Flex Life:  **$\geq 17,700$**
- Tensile Strength (N):  **$> 923$**
- Applicable Temperature:  **$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$  ( $-4^{\circ}\text{F} \sim +140^{\circ}\text{F}$ )**
- Peak Temperature:  **$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$  ( $-40^{\circ}\text{F} \sim +158^{\circ}\text{F}$ )**

### Insulation

- Material: **XLPE**
- Colors: **Blue and White**

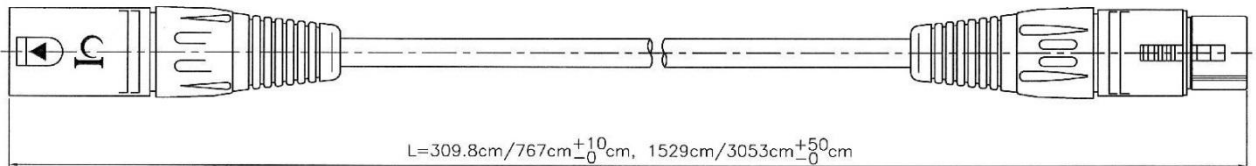
### Shield

- Details: **Braided**
- Construction: **16\*9/0.10 TC OFC**

### Jacket

- O.D.: **6.0mm**
- Material: **PVC**
- Color: **Black**

## Drawing



## STANDARDS & CLASSIFICATIONS



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