

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 (Ω/m): **$0.062 \pm 1\%$**
- Shield DC Resistance (Ω/m): **$0.021 \pm 1\%$**
- Capacitance Between Conductors (pF/ft): **≤ 15.4**
- Capacitance Between Conductor and Shield (pF/ft): **≤ 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**

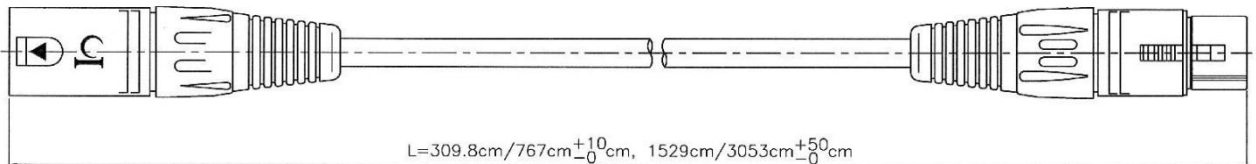
Shield

- 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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