

## BULK BALANCED XLR CABLE

### PROFESSIONAL SERIES

Io Audio Technologies' Professional Series XLR cable contains high-quality materials including oxygen-free copper conductors and XLPE insulation. The decision to use these materials ensures that the final product will operate with the utmost fidelity. The cable is available in 500 ft spools.

### OFC CONDUCTORS & XLPE INSULATION

Two 23 AWG bare oxygen-free copper conductors provide the backbone, and the XLPE material in the insulation prevents shrinking during termination.

### 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.

### 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.

### APPLICATIONS

Our Professional Series Balanced mic cable is designed to be an excellent solution for professionals looking to build custom length cables for wiring professional audio rigs or integrators looking to provide a solid connection in permanent AV installations. This cable is also optimal for other control applications.

### INDUSTRIES

- Permanent Audio Integrations
- Permanent Lighting Integrations
- Pro Audio Industry
- Medical Instruments
- Electronics Hobbyists
- Communications



Product specifications may change without prior notification

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## SPECIFICATION

### Product

- Part Number: **IO-A12326**
- 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**

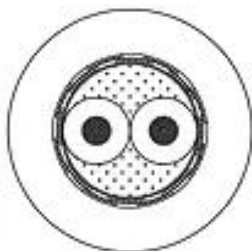
### Shield

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

### Jacket

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

## CONFIGURATION



## STANDARDS & CLASSIFICATIONS



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