

## BALANCED XLR CABLE

### PREMIUM SERIES

Io Audio Technologies' Premium Series XLR cable contains high-quality materials and is designed to feel as great as it sounds. Our Premium Series was made to provide an incredible signal to noise ratio using our Four Core Technology.

### DURABLE JACKET

Under the nylon sleeve, a tough PVC jacket protects the cable from dust and water. There is an additional nylon braided sleeve that adds another dimension of toughness and finesse.

### 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.



### TWO BRAIDED SHIELDS

We've introduced two braided shields which provide a new level of EMI resistance for use in the most offensive of electromagnetic or RF environments.



### APPLICATIONS

Our Premium Series 3 Pin XLR cables are designed to be at home in professional studios as well as in Hi-Fi audio systems ranging from stereo to complete home theater systems.

### 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-YY-X**
- Number of Conductors: **4 plus shield**

### Conductors

- Details: **20/0.12mm BC OFC**
- Size: **24 AWG**

### Electrical and Mechanical Characteristics

- Conductor DC Resistance ( $\Omega/m$ ):  **$0.073 \pm 1\%$**
- Shield DC Resistance ( $\Omega/m$ ):  **$0.007 \pm 1\%$**
- Insulation Resistance (K $\Omega$ ): **> 500**
- Capacitance Between Conductors (pF/ft):  **$\leq 27.9$**
- Capacitance Between Conductor and Shield (pF/ft):  **$\leq 40.9$**
- Voltage Breakdown: **500V**
- Flex Life:  **$\geq 50,000$**
- Tensile Strength (N): **> 1,159**
- 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: **LDPE**
- Colors: **Blue (2) and White (2)**

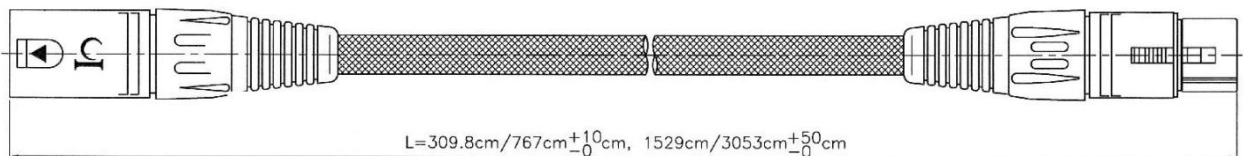
### Shield

- Details: **(1) Braided TC, (1) Braided BC**
- Construction: **16\*9/0.10 TC OFC**

### Jacket

- O.D.: **7.6mm (8.4mm with Nylon Sleeve)**
- Material: **PVC with Braided Nylon Sleeve**
- Color: **Black**

### Drawing



### STANDARDS & CLASSIFICATIONS



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