

## BALANCED XLR CABLE

### PERFORMANCE SERIES

Io Audio Technologies' Performance Series XLR cable meets requirements for high performance, using high-quality copper conductors and PE insulation. These materials ensure the cable will perform to demanding standards.

### FLEXIBLE PVC JACKET

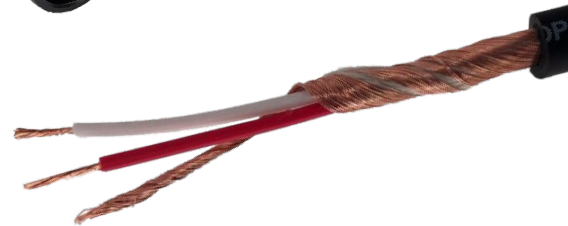
The Performance Series comes complete with a matte PVC jacket that protects the interior workings of the cable from the harsh environment. It also helps the cable keep its shape for a perfect coil every time.

### 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.

### EMI RESISTANCE

Inside, this two conductor cable features a spiral shield which provides up to 95% coverage. The result is less EMI to maintain the purest quality signal possible.



### APPLICATIONS

Our Performance 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

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.

10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 | [www.ioaudiotechnologies.com](http://www.ioaudiotechnologies.com)

## SPECIFICATION

### Product

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

### Conductors

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

### Electrical and Mechanical Characteristics

- Conductor DC Resistance ( $\Omega/m$ ):  **$0.075 \pm 5\%$**
- Shield DC Resistance ( $\Omega/m$ ): **0.025**
- Capacitance Between Conductors (pF/ft):  **$\leq 14.3$**
- Capacitance Between Conductor and Shield (pF/ft):  **$\leq 24.9$**
- Voltage Breakdown: **300V**
- Flex Life:  **$\geq 17,700$**
- Tensile Strength (N):  **$\geq 656.2$**
- 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: **PE**
- Colors: **Red and White**

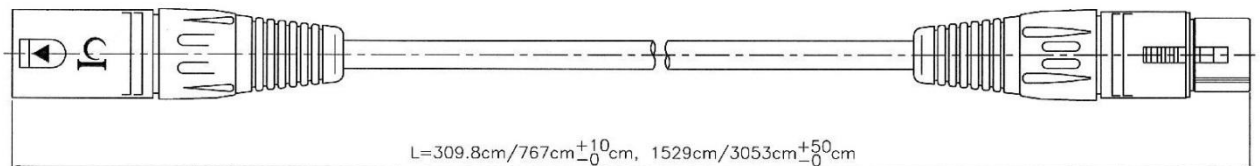
### Shield

- Details: **Spiraled**
- Construction: **60/0.12 TC OFC**

### Jacket

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

## Drawing



## STANDARDS & CLASSIFICATIONS



Product specifications may change without prior notification

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.

10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 | [www.ioaudiotechnologies.com](http://www.ioaudiotechnologies.com)