



## XLR CABLE

### PROFESSIONAL SERIES OVERVIEW

The Professional Series XLR cable is made using two stranded, 23 AWG, OFC conductors in a tight-pitch twisted pair configuration. The use of XLPE insulation helps reduce the capacitance while the braided tinned copper shield provides excellent EMI and noise rejection. Between the conductors and shield is a conductive yarn designed to increase the flexibility of the cable. To top it all off, the sturdy PVC jacket is there to take the abuse of any environment.

The IO-XLR3-M-BK and IO-XLR3-F-BK connectors feature durable die cast zinc shells with built in latch locks which provide a reliable connection when mated with the opposite gender. They also feature a sturdy plastic insert that tightens onto the cable to provide strain relief while an additional rubber boot delivers extended support from excessive bending. The silver plated contacts ensure a great signal every time.



Product specifications may change without prior notification

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## SPECIFICATIONS

### 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:  **$0.062 \pm 1\% \Omega/m$**

Shield DC Resistance:  **$0.021 \pm 1\% \Omega/m$**

Capacitance Between Conductors:  **$\leq 15.4 \text{ pF/ft}$**

Capacitance Between Conductor and Shield:  **$\leq 27.6 \text{ pF/ft}$**

Voltage Breakdown: **300 V**

Flex Life:  **$\geq 17,700$**

Tensile Strength:  **$> 923 \text{ N}$**

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**

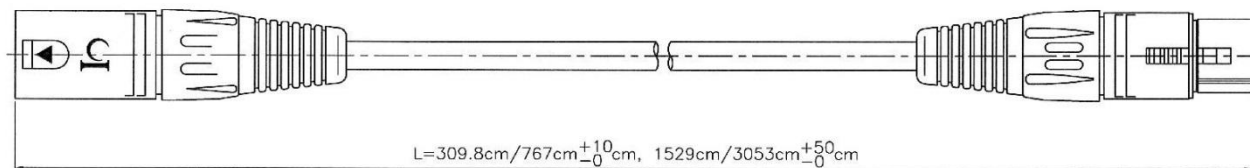
### Jacket

O.D.: **6.0mm**

Material: **PVC**

Color: **Black**

## DRAWING



## STANDARDS & CLASSIFICATIONS



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