



AUDIO  
TECHNOLOGIES®

## BALANCED XLR BULK WIRE

### PROFESSIONAL SERIES OVERVIEW

Designed for perfect data and control transmission, this DMX cable features 4 bare copper conductors arranged in two high quality twisted pairs along with an aluminum shield and a tinned copper braided shield. Along with its 120 ohm characteristic impedance, this cable meets all the ESTA guidelines for a True DMX512 cable.

The IO-XLR5-M-BK and IO-XLR5-F-BK connectors feature durable die cast zinc shells and sturdy plastic inserts that tighten onto the cable to provide strain relief while an additional rubber boot delivers extended support. The silver plated wire terminals and PE insulation ensure a great signal every time.

It's durable and flexible PVC jacket protects the OFC conductors from whatever life throws at it. Add to the equation the two shields and the conductors have double the protection from EMI resulting in a dependable addition to any professional lighting technician's toolbox.



Product specifications may change without prior notification

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## SPECIFICATIONS

### Product

Part Number: **IO-A12326-500SP**

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**

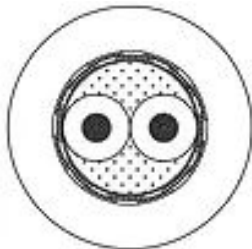
### Jacket

O.D.: **6.0mm**

Material: **PVC**

Color: **Black**

## CONFIGURATION



## STANDARDS & CLASSIFICATIONS



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