AUDIO TECHNOLOGIES®

# XLR CABLE

## PREMIUM SERIES OVERVIEW

The Premium Series XLR cable is built using a star quad configuration which is significantly more effective at filtering out RF or EMI noise than traditional twisted pair configurations. Combine the dual conductor configuration with a dual braided shield and what you get is pristine audio quality even in the most offensive RF or EMI environments.

The conductors are made of 24 AWG, stranded OFC and are also silver plated to improve conductivity. The insulation uses LDPE which reduces capacitance while a CPE insulator adds flexibility by separating the conductors from the shields. The first shield is braided OFC while the second shield is braided tinned copper. Additionally, the PVC jacket prevents noise from any mechanical vibration. The cable is topped off with a braided nylon sleeve to bring sophistication to an extremely high end cable.

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.


10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 |
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# SPECIFICATIONS

## Product

Part Number: **IO-XLR3-YY-X**

Number of Conductors: **4 Plus 2 Shields**

## Conductors

Details: **20/0.12mm SPC OFC**

Size: **24 AWG**

## Electrical and Mechanical Characteristics

Conductor DC Resistance: **0.073 ± 1% Ω/m**

Shield DC Resistance: **0.007 ± 1% Ω/m**

Insulation Resistance: **> 500 KΩ**

Capacitance Between Conductors: **≤ 27.9 pF/ft**

Capacitance Between Conductor and Shield: **≤ 40.9 pF/ft**

Voltage Breakdown: **500 V**

Flex Life: **≥ 50,000**

Tensile Strength: **> 1,159 N**

Applicable Temperature: **-20°C ~ +60° C (-4°F ~ +140°F)**

Peak Temperature: **-40°C ~ +70° C (-40°F ~ +158°F)**

## Insulation

Material: **LDPE**

Diameter: **1.8 ± 0.1mm**

Colors: **Blue (2) and White (2)**

## Semi-Conductive Insulator

Material: **CPE**

Diameter: **5.0 ± 0.1mm**

Color: **Black**

## Shield

Details: **(1) Braided TC, (1) Braided BC**

Construction: **16*9/0.10 (x2)**

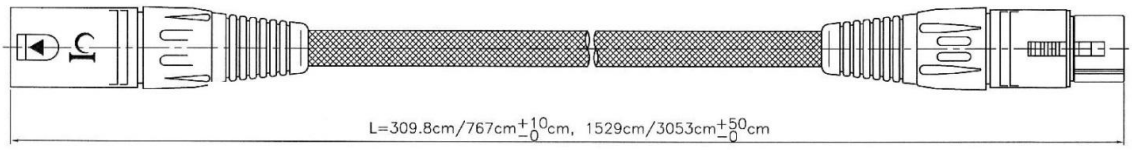
## Jacket

O.D.: **7.6mm (8.4mm with Nylon Sleeve)**

Material: **PVC with Braided Nylon Sleeve**

Color: **Gray (PVC), Black (Nylon)**

# DRAWING




# STANDARDS & CLASSIFICATIONS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