

## 5 PIN DMX CABLE

### PROFESSIONAL SERIES

The Professional Series 5 Pin DMX cable features four conductors plus a ground to make it a true DMX 512 cable. Inside, this four conductor cable features both an aluminum foil and a braided tinned copper shield which provides double the protection against EMI.



### DURABLE PVC JACKET

The cable 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 sleek, black connectors feature extremely durable zinc die-cast shells, which 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.



### APPLICATIONS

Our Professional Series 5 Pin DMX cables are designed to be a rugged solution for wiring your professional lighting rig with perfect DMX 512 transmission. 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

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

## SPECIFICATIONS

### Product

Part Number: **IO-DMX5-XX-P**

Number of Conductors: **4 plus shield**

### Conductors

Details: **20/0.12mm**

Size: **24 AWG**

### Electrical and Mechanical Characteristics

Conductor DC Resistance ( $\Omega$ /km): **< 87.5**

Shield DC Resistance ( $\Omega$ /km): **< 18.1**

Characteristic Impedance ( $\Omega$ ): **120**

Voltage Breakdown: **300V**

Capacitance Between Conductors (pF/m):  **$\leq 39.2$**

Capacitance Between Conductors / Shield (pF/m):  **$\leq 74.9$**

Flex Life: **> 58,800**

Tensile Strength: **> 745N**

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

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

### Insulation

Material: **PE**

Colors: **Blue, White, Red, & Green**

### Shield

Details: **Braided TC & Aluminum**

Construction: **16\*9/0.10 OFC**

### Jacket

O.D.: **8.0mm**

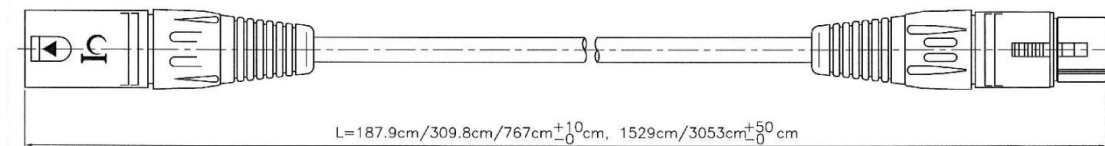
Material: **PVC**

Color: **Black**

### Drain Wire

Details: **7/0.20 TC**

## Drawing



## STANDARDS & CLASSIFICATIONS



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