

## BULK 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. Available in 500 ft spools.

### FOUR CONDUCTORS

Per DMX standards, this cable is designed with 2 twisted pairs and a characteristic impedance of 120 Ohms to transmit true DMX.

### SHIELDED

The cable is protected by two shields; an aluminum foil underneath braided tinned copper. These two shields together offer 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.

### APPLICATIONS

Our Professional Series DMX cable is designed to be a rugged solution for wiring your professional lighting rig with perfect DMX 512 transmission. This cable is also optimal for other control applications such as MIDI or RS-422.

### INDUSTRIES

- Pro Lighting Control
- Pro Video Manufacturing
- Electronics Hobbyists
- Pro Lighting Installations
- Medical Instruments
- Communications



Product specifications may change without prior notification

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## SPECIFICATIONS

### Product

Part Number: **IO-D22428**

Number of Conductors: **4 plus shield**

### Conductors

Details: **20/0.12mm**

Size: **24 AWG**

### Electrical and Mechanical Characteristics

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

Shield DC Resistance ( $\Omega/\text{km}$ ): **< 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**

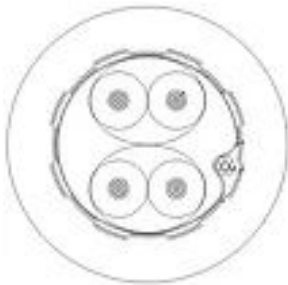
Material: **PVC**

Color: **Black**

### Drain Wire

Details: **7/0.20 TC**

## CONFIGURATION



## STANDARDS & CLASSIFICATIONS



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