



AUDIO  
TECHNOLOGIES®

## D1000 SERIES DMX CABLE

### OVERVIEW

Designed for perfect data and control transmission, the D1000 Series DMX cable features 4 bare copper conductors arranged in two high quality twisted pairs insulated using PE and protected by an aluminum foil shield and a tinned copper braided shield. The improved conductivity of bare copper conductors ensures that your signal will be strongest when it reaches the destination. It's durable and flexible PVC jacket protects the interior of the cable from whatever life throws at it.

Along with a 120 Ohm characteristic impedance, this cable meets all the ESTA guidelines for a True DMX512 cable.

#### Applications:

- Pre-wiring of modular truss for quick set up
- Custom shop cable
- DIY cables for personal use
- Custom lengths for permanent installations

NOTE: Not rated for in-wall use



Product specifications may change without prior notification

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## SPECIFICATIONS

### Product

Part Number: **IO-D22428-500SP**

Number of Conductors: **4 plus shield**

### Conductors

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

Size: **24 AWG**

### Electrical and Mechanical Characteristics

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

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

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

Voltage Breakdown: **300 V**

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

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

Flex Life: **> 58,800**

Tensile Strength: **> 745 N**

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 Foil**

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

### Jacket

O.D.: **8.0mm**

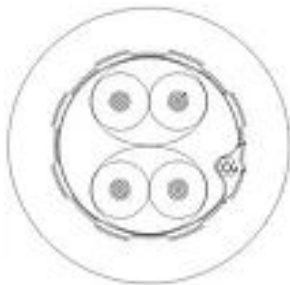
Material: **PVC**

Color: **Black**

### Drain Wire

Details: **7/0.20 TC**

## CONFIGURATION



## STANDARDS & CLASSIFICATIONS



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