

DMX 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 insulated using PE and protected by an aluminum foil shield and a tinned copper braided shield. 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



SPECIFICATIONS

Product

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

Number of Conductors: **4 plus shield**

Conductors

Details: **20/0.12mm**

Size: **24 AWG**

Electrical and Mechanical Characteristics

Conductor DC Resistance: **< 87.5 Ω /km**

Shield DC Resistance: **< 18.1 Ω /km**

Characteristic Impedance: **120 Ω**

Voltage Breakdown: **300 V**

Capacitance Between Conductors: **≤ 39.2 pF/m**

Capacitance Between Conductors / Shield: **≤ 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**

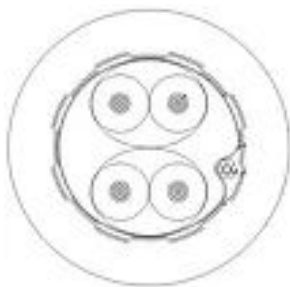
Material: **PVC**

Color: **Black**

Drain Wire

Details: **7/0.20 TC**

CONFIGURATION



STANDARDS & CLASSIFICATIONS



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