

## ETHERLATCH™ CABLE

### CAT5E ETHERLATCH™

The CAT5e Etherlatch™ cable is a twisted pair data cable with four pairs of stranded conductors plus a drain wire which provide a solid foundation for any digital snake systems or Art-Net compatible equipment up to 100ft.

### 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 adjustable L-Style Etherlatch™ connectors allow you to twist off the zinc shell to reveal the RJ45 connector inside the housing. This removable shell enables you to use the cable with standard networking equipment that doesn't have an Etherlatch™ receptacle.



### APPLICATIONS

This cable is ideal for situations when you need data connections with the highest levels of data integrity and reliability. Our Professional Series shielded CAT5e Etherlatch™ cables feature connectors compatible with industry standard Neutrik® etherCON® receptacles.

### 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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## SPECIFICATIONS

### Product

Part Number: **IO-CAT5-XX-P**

Number of Conductors: **8 (4 pairs) plus shield**

### Conductors

Details: **7/0.20mm Stranded BC**

Size: **24 AWG**

### Electrical and Mechanical Characteristics

Conductor DC Resistance ( $\Omega/\text{km}$ ): **< 86.44**

Shield DC Resistance ( $\Omega/\text{km}$ ): **< 100**

Capacitance Between Conductors (pF/ft): **16.2**

Capacitance Between Conductors / Shield (pF/ft) : **13.7**

Voltage Breakdown: **300V**

Flex Life:  **$\geq 13,000$**

Tensile Strength (N):  **$\geq 637$**

Applicable Temperature:  **$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$  ( $-4^{\circ}\text{F} \sim +140^{\circ}\text{F}$ )**

Peak Temperature:  **$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$  ( $-40^{\circ}\text{F} \sim +158^{\circ}\text{F}$ )**

### Insulation

Material: **PE**

Colors: **White/Orange, Orange, White/Green, Blue, White/Blue, Green, White/Brown, Brown**

### Shield

Details: **CPE**

### Jacket

O.D.: **5.5mm**

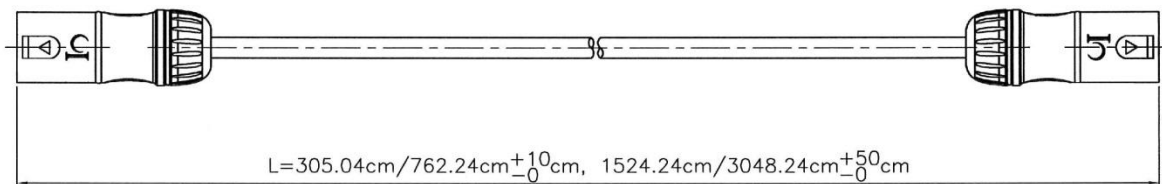
Material: **PVC**

Color: **Black**

### Drain Wire

Details: **7/1.20 Stranded TC**

## Drawing



## STANDARDS & CLASSIFICATIONS



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