



**Part Number: 1392P**

Media Control, #18-2c BC, #22-1pr BC, CMP

## Product Description

Lighting & Automation Cable, Plenum-CMP, 2-18 AWG bare copper conductors unshielded, FEP insulation (power) and 1 (data) pair 22 AWG stranded bare copper, FEP insulation, Beldfoilshield w drain, Flamarrest® jacket.

## Technical Specifications

### Product Overview

|                        |                    |
|------------------------|--------------------|
| Environmental Space:   | Indoor - Plenum    |
| Suitable Applications: | Automation/Control |

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material         | No. of Conductors | No. of Pairs |
|-----|-----------|------------------|-------------------|--------------|
| 22  | 7x30      | BC - Bare Copper | 2                 | 1            |
| 18  | 19x30     | BC - Bare Copper | 2                 | 1            |

|                        |        |
|------------------------|--------|
| Conductor Count:       | 4      |
| Total Number of Pairs: | 1      |
| Conductor Size:        | 22 AWG |

#### Insulation

| Element | Material                                   | Nominal Diameter | Nominal Wall Thickness |
|---------|--|------------------|------------------------|
| 22      | FFEP - Foam Fluorinated Ethylene Propylene | 0.074 in         | 0.0225 in              |
| 18      | PVC - Polyvinyl Chloride                   | 0.068 in         | 0.011 in               |

#### Color Chart

| Number | Color        |
|--------|--------------|
| 1      | Blue & White |
| 2      | Red & Black  |

#### Inner Shield Material

| Type | Layer       | Material                     | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG      | Drainwire Construction n x D |
|------|-------------|------------------------------|---------------------|--------------|--------------------|--------------------|------------------------------|
| Tape | 22 AWG Pair | Aluminum Foil-Polyester Tape | Beldfoil®           | 100 %        | TC - Tinned Copper | 24                 |                              |
|      |             |                              |                     |              |                    | TC - Tinned Copper | 7x32 mm                      |

#### Outer Shield Material

| Material   |
|------------|
| Unshielded |

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.205 in         | 0.015 in               | No      |

## Electrical Characteristics

#### Conductor DCR

| Element | Nominal Conductor DCR |
|---------|-----------------------|
| 22 AWG  | 16.3 Ohm/1000ft       |
| 18 AWG  | 6.9 Ohm/1000ft        |

## Capacitance

| Element     | Nom. Capacitance Conductor to Conductor |
|-------------|---|
| 22 AWG Pair | 14 pF/ft                                |
| 18 AWG Pair | 29 pF/ft                                |

|            |                                |
|------------|--------------------------------|
| Shielding: | Composite - Multiple / Various |
|------------|--------------------------------|

## Impedance

| Nominal Characteristic Impedance | Nominal Characteristic Impedance Description |
|----------------------------------|--|
| 100 Ohm                          | 22 AWG Pair                                  |

## Current

| Element | Max. Recommended Current [A]  |
|---------|-------------------------------|
| 22 AWG  | 3.8 Amps per conductor @ 25°C |
| 18 AWG  | 7.2 Amps per conductor @ 25°C |

## Voltage

| UL Voltage Rating |
|-------------------|
| 300V RMS          |

## Temperature Range

|                       |              |
|-----------------------|--------------|
| Non-UL Temp Rating:   | 75°C         |
| UL Temp Rating:       | 60°C         |
| Operating Temp Range: | 0°C To +75°C |

## Mechanical Characteristics

|                                  |               |
|----------------------------------|---------------|
| Bulk Cable Weight:               | 31 lbs/1000ft |
| Max Recommended Pulling Tension: | 67.6 lbs      |
| Min Bend Radius/Minor Axis:      | 2.25 in       |

## Standards

|                          |     |
|--------------------------|-----|
| NEC/(UL) Specification:  | CMP |
| CEC/C(UL) Specification: | CMP |

## Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2012-06-28                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

## Suitability

|                                    |     |
|------------------------------------|-----|
| Suitability - Aerial:              | No  |
| Suitability - Burial:              | No  |
| Suitability - Hazardous Locations: | No  |
| Suitability - Indoor:              | Yes |
| Suitability - Outdoor:             | No  |
| Suitability - Sunlight Resistance: | No  |

## Flammability, LS0H, Toxicity Testing

|                     |           |
|---------------------|-----------|
| C(UL) Flammability: | FT6       |
| UL Flammability:    | NFPA 262  |
| UL Voltage Rating:  | 300 V RMS |

## Plenum/Non-Plenum

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

## Part Number

Non-Plenum Number:

1392A

### Variants

| Item #        | Color   |
|---------------|---------|
| 1392P 0101000 | BLACK   |
| 1392P 010500  | BLACK   |
| 1392P 8771000 | NATURAL |
| 1392P 877500  | NATURAL |

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