



Product: [2179LP](#)

Lighting & Automation, 2 Conductor 16 AWG, CMP

Product Description

Lighting & Automation Cable, 2 conductor 16 AWG solid bare high-conductivity ETP copper, FEP insulation, unshielded, CMP rated FEP jacket.

Technical Specifications

Product Overview

| | |
|------------------------|------------------|
| Suitable Applications: | Lutron EcoSystem |
|------------------------|------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Conductors |
|-----|-----------|------------------|------------------|-------------------|
| 16 | Solid | BC - Bare Copper | 0.0519 in | 2 |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------------------|------------------|------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.066 in | 0.007 in |

Color Chart

| Number |
|--------------|
| Violet |
| Violet/White |

Outer Shield Material

| Material |
|-----------|
| No Shield |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------------------|------------------|------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.152 in | 0.010 in |

Electrical Characteristics

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 21.0 pF/ft |

Current

| Max. Recommended Current [A] |
|--------------------------------|
| 9.1 Amps per Conductor at 25°C |

Voltage

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

Temperature Range

| | |
|-----------------|-------|
| UL Temp Rating: | 200°C |
|-----------------|-------|

| | |
|-----------------------|-----------------|
| Operating Temp Range: | -65°C To +200°C |
|-----------------------|-----------------|

Mechanical Characteristics

| | |
|-----------------------------|---------|
| Max. Pull Tension: | 62 lbs |
| Min Bend Radius/Minor Axis: | 1.75 in |

Standards

| | |
|-----------------------|-------------|
| NEC Articles: | Article 800 |
| NEC/(UL) Compliance: | CMP |
| CEC/C(UL) Compliance: | CMP |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| Environmental Space: | Plenum |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/11/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): | 2004-01-01 |

Suitability

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

Flammability, LSOH, Toxicity Testing

| | |
|-------------------|----------|
| UL Flammability: | NFPA 262 |
| CSA Flammability: | FT6 |

Plenum/Non-Plenum

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

Part Number

| | |
|--------------------|--------|
| Non-Plenum Number: | 2179LA |
|--------------------|--------|

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|--------------------|------------|----------|--------------|
| 2179LP 368250 | Clear, Transparent | Reel | 250 ft | 612825352389 |
| 2179LP 368500 | Clear, Transparent | Reel | 500 ft | 612825352396 |
| 2179LP 3681000 | Clear, Transparent | Reel | 1,000 ft | 612825352372 |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.41 Revision Date: 06-24-2020 |
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