



**Product:** [2183P](#)

4K UHD Media Cable, 4 Pr #23, F/UTP Flamarrest® Jacket, CMP

**Product Description**  
4 Pair 23 AWG Solid Bare Copper Conductors, FEP Insulation, F/UTP, Helical TC Drain, Ripcord, Flamarrest® Jacket, Plenum CMP-LP (0.6A)

**Technical Specifications**

**Product Overview**

|                        |                                              |
|------------------------|----------------------------------------------|
| Suitable Applications: | HDBaseT, Full 5-Play, 4K (UHD/DCI), POH, POE |
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**Construction Details**

**Conductor**

| Size   | Stranding | Material         |
|--------|-----------|------------------|
| 23 AWG | Solid     | BC - Bare Copper |

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**Insulation**

| Material                             | Nom. Thickness     | Color Code                  |
|--------------------------------------|--------------------|-----------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.010 in (0.25 mm) | Western Electric (Modified) |

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**Outer Shield**

| Shield Type | Material                | Coverage | Drainwire Type    | Notes                                                   |
|-------------|-------------------------|----------|-------------------|---------------------------------------------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 26 AWG (Solid) TC | Two drain wires applied helically for added flexibility |

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**Outer Jacket**

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.270 in      | Yes     |

**Outer Jacket**

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.270 in      | Yes     |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.270 in |
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**Electrical Characteristics**

Electricals

| Nom. Conductor DCR | Nom. Velocity of Prop. | Max. Current                   |
|--------------------|------------------------|--------------------------------|
| 22.7 Ohm/1000ft    | 72%                    | 3.1 Amps per Conductor at 25°C |

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Voltage

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

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Mechanical Characteristics

Temperature

| UL Temperature | Operating      | Installation | Storage        |
|----------------|----------------|--------------|----------------|
| 90°C           | -20°C to +90°C | 0°C To +75°C | -20°C to +75°C |

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Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.7 in (69 mm)  | 2.7 in            |

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|-----------------|-------------------|
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|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 45 lbs (20 kg) |
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| Bulk Cable Weight: | 36 lbs/1000ft  |
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Standards and Compliance

|                                  |                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Plenum, Indoor, Outdoor                                                                                                             |
| Environmental Suitability:       | Indoor - Plenum, Indoor, Outdoor                                                                                                             |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910), FT6                                                                                                                       |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910), FT6                                                                                                                       |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                                           |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                                           |
| NEC / UL Compliance:             | Article 800, CMP-LP (0.6A), CL3P                                                                                                             |
| NEC / UL Compliance:             | Article 800, CMP-LP (0.6A), CL3P                                                                                                             |
| CEC / C(UL) Compliance:          | CMP                                                                                                                                          |
| CEC / C(UL) Compliance:          | CMP                                                                                                                                          |
| IEEE Compliance:                 | POE per 802.3af & POE+ 802.3at-2009                                                                                                          |
| IEEE Compliance:                 | POE per 802.3af & POE+ 802.3at-2009                                                                                                          |
| ISO/IEC Compliance:              | 11801 ed 2.2 (2011) Class D                                                                                                                  |
| ISO/IEC Compliance:              | 11801 ed 2.2 (2011) Class D                                                                                                                  |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2017-07-10 |
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| UK Regulation Compliance:        | UKCA Mark                                                                                                                                    |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                                    |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                                              |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                                              |
| Non-Plenum Number:               | 2183R                                                                                                                                        |

|                    |       |
|--------------------|-------|
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|--------------------|-------|

Product Notes

|        |                                                                                                        |
|--------|--------------------------------------------------------------------------------------------------------|
| Notes: | Values Above 100 MHz are for Engineering Information Only. Print Includes Descending Footage Markings. |
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History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.413 Revision Date: 12-22-2023 |
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Part Numbers

Variants

| Item #         | Color | Putup Type   | Length   | UPC          |
|----------------|-------|--------------|----------|--------------|
| 2183P 010A250  | Black | Reel-in-Box  | 250 ft   | 612825392958 |
| 2183P 0101000  | Black | Reel         | 1,000 ft | 612825391678 |
| 2183P 010A1000 | Black | Reel-in-Box  | 1,000 ft | 612825391708 |
| 2183P 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825433231 |
| 2183P D15A1000 | Blue  | Reel-in-Box  | 1,000 ft | 612825391685 |
| 2183P D15Z1000 | Blue  | ReelTuff Box | 1,000 ft | 612825433286 |
| 2183P 009A1000 | White | Reel-in-Box  | 1,000 ft | 612825391692 |
| 2183P 009Z1000 | White | ReelTuff Box | 1,000 ft | 612825433187 |

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| 2183P D15Z1000 | Blue  | ReelTuff Box | 1,000 ft | 612825433286 |
| 2183P 009A1000 | White | Reel-in-Box  | 1,000 ft | 612825391692 |
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