



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

Insulation

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

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

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	Max. Capacitance Unbalance	Nom. Velocity of Prop.	Max. Current
22.7 Ohm/1000ft	330 pF/100m	72%	3.1 Amps per Conductor at 25°C

Nom Outer Shield DCR@Cond DCR1-cnrv: 5.87 Ohm/1000ft (19.3 Ohm/km)
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High Frequency (Nominal/Typical)

Frequency	Nom. Insertion Loss (Attenuation) [dB/100m]
1 MHz	2
4 MHz	3.8
8 MHz	4.3
10 MHz	5.9
16 MHz	7.5
20 MHz	8.3
25 MHz	9.3
31.2 MHz	10.4
62.5 MHz	14.8
100 MHz	18.8
125 MHz	21

155 MHz	23
175 MHz	24.9

Voltage

UL Voltage Rating
300 V

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

Bend Radius

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

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	36 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor, Outdoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP-LP (0.6A), CL3P
CEC / C(UL) Compliance:	CMP
IEEE Compliance:	POE per 802.3af & POE+ 802.3at-2009
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
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	2183R

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: 0.414 Revision Date: 09-07-2025
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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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