Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



2183P Multi-Conductor - 4K UHD Media Cable - Plenum



For more Information please call

1-800-Belden1



General Description:

4-Pair, F/UTP O/A Foil Shielded, Plenum CMP-LP (0.6A), 23 AWG Solid Bare Copper Conductors, Helical TC Drain, Solid FEP Insulation, FEP Rod Filler, Corrugated Flex Shield, Rip Cord, Flamarrest® Jacket

Usage (Overall) Suitable Applications: HDBaseT, Full 5-Play, 4K (UHD/DCI), POH, POE **Physical Characteristics (Overall)** Conductor AWG: # Pairs AWG Stranding Conductor Material Solid BC - Bare Copper **Total Number of Conductors:** 8 Insulation Insulation Material: **Insulation Material** FEP - Fluorinated Ethylene Propylene **Outer Shield** Outer Shield Material: **Outer Shield Material** Corrugated flex shield / Mylar foil & helical drain wire **Outer Jacket Outer Jacket Material:** Outer Jacket Trade Name Outer Jacket Material LS PVC - Low Smoke Polyvinyl Chloride Flamarrest® Outer Jacket Diameter: Nom. Dia. (in.) 0.260 Outer Jacket Ripcord: **Overall Cable** Overall Cabling Fillers: FEP Rod Filler Pair Pair Color Code Chart: Number Color White/Blue Stripe & Blue White/Orange Stripe & Orange White/Green Stripe & Green White/Brown Stripe & Brown

Mechanical Characteristics (Overall)

Storage Temperature Range:	-20°C To +75°C
Installation Temperature Range:	0°C To +75°C
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	90C
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	45 lbs.
Min. Bend Radius/Minor Axis:	1 in.
Min. Bend/Installation:	2.100 in.

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NEC/(UL) Specification:	CMP	
NEC Articles:	800	
CEC/C(UL) Specification:	CMP	
EU Directive 2011/65/EU (ROHS II):	Yes	
EU CE Mark:	Yes	
EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2002/95/EC (RoHS):	Yes	
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004	
EU Directive 2002/96/EC (WEEE):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
www.belden.com/p me Test		
UL Flame Test:	NFPA 262	
C(UL) Flame Test:	FT6	
CSA Flame Test:	FT6	
tability		
Suitability - Indoor:	Yes	
Suitability - Outdoor:	No	
	No	
Suitability - Burial:		
Suitability - Burial: num/Non-Plenum		
	Yes	

E



Nom. Mutual Capacitance:



Maximum Capacitance Unbalance (pF/100 m):

330

Nominal Velocity of Propagation:



Maximum Delay:

Delay (ns/100 m) 538 @ 100MHz

Max. Delay Skew:

Delay Skew (ns/100 m)

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m) 9.38

Max. Attenuation:

Description	Attenuation (dB/100 m)
1	2.000
4	3.800
8	4.300
10	5.900
16	7.500

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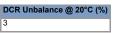
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20	8.300
25	9.300
31.2	10.400
62.5	14.800
100	18.800
125	21.000
155	23.000
175	24.900
200	26.600
250	29.800
300	32.700
400	37.900
450	40.200
500	42.500

Max. Operating Voltage - UL:



Maximum DCR Unbalanced:



Notes (Overall)

Notes: Compliant with TIA/EIA-568C.2. Put-Ups BLACK 1000 & A1000, BLUE A1000, WHITE A1000

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2183P D15A1000	1,000 FT	42.000 LB	BLUE		4 PR #23 FEP FS FLRST
2183P 009A1000	1,000 FT	42.000 LB	WHITE		4 PR #23 FEP FS FLRST
2183P 010A1000	1,000 FT	42.000 LB	BLACK		4 PR #23 FEP FS FLRST
2183P 010A250	250 FT	14.750 LB	BLACK		4 PR #23 FEP FS FLRST
2183P 0101000	1,000 FT	40.000 LB	BLACK		4 PR #23 FEP FS FLRST

Revision Number: 1 Revision Date: 05-05-2017

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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