



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

4K UHD Media Cable, 4 Pr #23, F/UTP, PVC Jacket, CMR

## Product Description

4 Pair 23 AWG Solid Bare Copper Conductors, PP Insulation, F/UTP, Helical TC Drain, Ripcord, PVC Jacket, Riser CMR-LP (0.6A)

## Technical Specifications

### Product Overview

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

### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	4	23	Solid	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.013 in (0.33 mm)	0.48 in (12 mm)	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

#### 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	0.025 in (0.64 mm)	0.290 in (7.37 mm)	Yes

Overall Cable Diameter (Nominal):	0.290 in (7.37 mm)
-----------------------------------	--------------------

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Max. Conductor DCR	Max. Capacitance Unbalance	Nom. Velocity of Prop.	Max. Current
Pair(s)	23.2 Ohm/1000ft	93.8 Ohm/km	330 pF/100m	72%	2.8 Amps per conductor @ 30°C

Nom Outer Shield DCR@Cond DCR1-cn: 7.57 Ohm/1000ft (24.8 Ohm/km)
--

#### Voltage

UL Voltage Rating
300 V (CMR)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.
2.9 in (74 mm)	2.9 in (74 mm)

Max. Pull Tension:	52.8 lbs (23.9 kg)
Bulk Cable Weight:	36 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR, CMR-LP (0.5A), CL3R-LP (0.5A)
CEC / C(UL) Compliance:	CMR
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)
Plenum Number:	2183P

## Product Notes

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

## History

Update and Revision:	Revision Number: 0.415 Revision Date: 09-07-2025
----------------------	--

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
2183R 0101000	Black	Reel	1,000 ft	612825391746
2183R 010A1000	Black	Reel-in-Box	1,000 ft	612825391739
2183R 010Z1000	Black	ReelTuff Box	1,000 ft	612825433330
2183R 0105000	Black	Reel	5,000 ft	612825398776
2183R 006A1000	Blue, Light	Reel-in-Box	1,000 ft	612825391715
2183R 006Z1000	Blue, Light	ReelTuff Box	1,000 ft	612825433316
2183R 009A1000	White	Reel-in-Box	1,000 ft	612825391722
2183R 009Z1000	White	ReelTuff Box	1,000 ft	612825433323

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.