

Technical Data Sheet Video over UTP Cable

WEST PENN WIRE



2833 West Chestnut Street
Washington, PA 15301
Toll Free: (800) 245-4964
Fax: (724) 222-6420
www.westpenn-wpw.com

PART NUMBER:	CC2418
DESCRIPTION:	2 Pair Cat5E Type + 2 Cond. 18AWG. Siamese Construction.
NEC RATING:	CM, NEC Article 800
APPROVALS:	(UL) Listed
APPLICATION:	Indoor for: CCTV over UTP

Construction Parameters: Video and Control Pairs

Conductor	24 AWG Bare Copper
Stranding	Solid
Insulation Material	Thermoplastic .008"
Number of Conductors	4 (2 Pair)
Shield	None

Construction Parameters: Power Conductors

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	PVC- .008"
Number of Conductors	2
Shield	None

Electrical & Environmental Properties: Video and Control Pairs

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	14pf/ft.
Nom. Impedance	100 Ohms
Nom. Velocity of Propagation	66%
DC Resistance per Conductor @ 20deg C	26 Ohms/1M' Nom.
Insulation Colors	Blue/White-Blue, Orange/White-Orange

Electrical & Environmental Properties: Power Conductors

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	NA
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red

Overall Construction:

Jacket Type	PVC
Jacket Color	Siamese - Gray
Nom. O.D.	.180" x.340"

Mechanical Properties:

Max. Recommended Pull Tension	33 lbs.
Min. Bend Radius (Install)	3.40"

Put ups:

Advantage Box 1000ft

Specification Issue Date: 10/10

This document is the property of West Penn Wire.
The information contained herein is considered
Proprietary and not to be reproduced by any means
Without written consent of West Penn Wire

Standard Lengths are 1000ft.

The Jacket is sequentially footmarked.

The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.