



**Part Number:** 2190A

Control, Data & Power, 4 Pair 24 AWG, 2 Conductor 16 AWG, Outdoor

**Product Description**

Composite - (1) 4-bonded-pair solid UTP 24 AWG, (2) 2 Conductor 16 AWG stranded (65x34) bare copper conductors, Polyolefin insulation (pairs), PVC insulation (conductors), FR Polyethylene rod filler, Polyester separator, 24 AWG stranded (7x32) tinned copper drain wire, 85% tinned copper braid, CMX - Outdoor, overall TPE jacket.

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor/Outdoor
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Conductors	No. of Pairs
24	Solid	BC - Bare Copper	0.02 in	8	4
16	65x34	BC - Bare Copper	0.059 in	2	
Conductor Count:			8		
Conductor Size:			24 AWG		

**Insulation**

Material	Nominal Diameter
PO - Polyolefin	0.039 in
PVC - Polyvinyl Chloride	0.079 in

**Color Chart**

Color
White/Blue Stripe and Blue
White/Orange Stripe and Orange
White/Green Stripe and Green
White/Brown and Brown
Red
Black

**Outer Shield Material**

Type	Material	Drainwire AWG
Braid	TC - Tinned Copper	24

**Outer Jacket Material**

Material	Nominal Diameter
TPE - Thermoplastic Elastomer	0.326 in

**Electrical Characteristics**

**Capacitance**

Nom. Capacitance Conductor to Conductor
15 pF/ft

15 pF/m
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#### Delay

Nominal Velocity of Propagation (VP) [%]
70 %
70 %

#### Temperature Range

Operating Temp Range:	-25C to 75
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#### Mechanical Characteristics

Bulk Cable Weight:	75 lbs/1000ft
Min Bend Radius/Minor Axis:	3.3 in

#### Standards

NEC/(UL) Specification:	CMX-Outdoor
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#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes

#### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - CMX outdoor

#### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL 1581 Veritcal Tray (VW-1)
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

##### Variants

Item #	Color
2190A B591000	Black, Matte
2190A B595000	Black, Matte

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