




Product: [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

Suitable Applications:	Broadcast digital audio or data and up to 16 amps and 50V power. Connect and power remote stage boxes, broadcast gear & multi-point microphones. Ruggedized and flexible for outdoor, tactical installations. Designed for use with Neutrik XLR connector NC10FXX-14-B
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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		4
16		BC - Bare Copper	0.059 in	2	

Conductor Count: 8

Insulation

Material	Nominal Diameter
PP - Polypropylene	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	Tinned Copper (TC)	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

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) Compliance:	CMX-Outdoor
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Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
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

Suitability

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

Flammability, LSOH, 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	Putup Type	Length	UPC
2190A B591000	Black, Matte	Reel	1,000 ft	612825403364
2190A B595000	Black, Matte	Reel	5,000 ft	612825403371

History

Update and Revision:	Revision Number: 0.152 Revision Date: 05-04-2020
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