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Description:

16 AWG stranded (19x29) tinned copper conductors, PVC insulation (Power), FPE insulation (Data), unshielded, sunlight-resistant PVC jacket.

Usage (Overall)

Suitable Applications: 300V Class 2 Flat Flexible

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	16	19x29	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride (Power Pairs)
FPE - Foam Polyethylene (Data Pairs)

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.760 x 0.210 in.

Pair

Pair Color Code Chart:

Number	Color
Power Pair	Red & Black
Data Pair	Blue & White

Mechanical Characteristics (Overall)

Operating Temperature Range: -25°C To +75°C

UL Temperature Rating: 75°C

Max. Recommended Pulling Tension: 160 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.100 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, CL2, PLTC

CEC/C(UL) Specification: CMG

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):	04/01/2005
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
Other Specification:	Product is fully compliant with the ODVA specification, except for power singles diameter, and is compatible with the approved Allen Bradley KwikLink(TM) connectors.

Flame Test

CSA Flame Test:	FT4
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Suitability

Sunlight Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Description	Impedance (Ohm)
Data Pairs	120

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/ft)
Data Pairs	14.7

Nominal Velocity of Propagation:

VP (%)
75

Nominal Delay:

Delay (ns/ft)
1.6 ns/ft Data Pairs

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.9

Max. Attenuation:

Description	Freq. (MHz)	Attenuation (dB/100 ft.)
Data Pair	.125	.13
Data Pair	.500	.25
Data Pair	1.000	.40

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
4 Amps per conductor @ 24 V per NEC CL2 (Power Pair)

Notes (Overall)

Notes: ODVA DeviceNet is an Open DeviceNet Vendor Association, Inc. trademark. KwikLink(TM) is a trademark of Rockwell Automation, Inc.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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