

3082KP Flat - DeviceBus® for ODVA DeviceNet™



For more Information
please call

1-800-Belden1



Description

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

Physical Characteristics (Overall):

Conductor:
AWG

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
4	16	19x29	TC - Tinned Copper	0.110

Insulation:
Insulation Material

Ins Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.110

Outer Shield:
Outer Shield Material

Outer Shield Material
Unshielded

Outer Jacket:
Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:
Overall Nominal Diameter: 0.760 x 0.210 in.

Pair:
Pair Color Code Chart

Number	Color
1	Red/Black
2	Blue/White

Mechanical Characteristics (Overall):

Operating Temperature Range	-25°C To +75°C
UL Temperature Rating	75°C
Max. Recommended Pulling Tension:	110 lbs.
Min. Bend Radius (Install):	2.100 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:	
NEC/(UL) Specification	CMG, ITC, PLTC, TC
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005
Other Specification	Product is fully compliant with the ODVA specification, and is compatible with the approved Allen Bradley KwikLink(TM) connectors.

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Flame Test:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

Suitability:

Sunlight Resistance	Yes
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Plenum/Non-Plenum:

Plenum (Y/N)	N
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Electrical Characteristics (Overall):

Maximum Conductor DC Resistance

DCR @ 20°C (Ohm/100 m)
4.9 ohms/1000 ft

Max. Operating Voltage - UL

Voltage	Description
300V RMS	PLTC, ITC, CMG
600 V RMS	TC

Max. Recommended Current

Current
8 Amps per conductor @ 25°C

Notes (Overall):

Notes	Class 1 Power. ODVA DeviceNet is an Open DeviceNet Vendor Association, Inc. trademark. KwikLink(TM) is a trademark of Rockwell Automation, Inc.
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