# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



## 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	

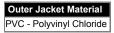
#### **Outer Shield:**

**Outer Shield Material** 



### **Outer Jacket:**

**Outer Jacket Material** 



## **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
Plenum/Non-Plenum: Plenum (Y/N)	N

### **Electrical Characteristics (Overall):**

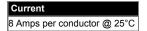
Maximum Conductor DC Resistance

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



## 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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