



Call
 Customer Service
1-800-BELDEN1

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	.110

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.110

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
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)/Minor Axis:	2.100 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, ITC, PLTC, TC
CEC/C(UL) Specification:	CMG
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

3082KP Flat - DeviceBus® for ODVA DeviceNet™

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, and is compatible with the approved Allen Bradley KwikLink(TM) connectors.

Flame Test

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

Suitability

Sunlight Resistance:	Yes
-----------------------------	-----

Plenum/Non-Plenum

Plenum (Y/N):	No
----------------------	----

Electrical Characteristics (Overall)**Maximum Conductor DC Resistance:**

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

Max. Operating Voltage - UL:

Voltage	Description
300 V 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.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 1 Revision Date: 10-14-2009

© 2012 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

3082KP Flat - DeviceBus® for ODVA DeviceNet™

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.