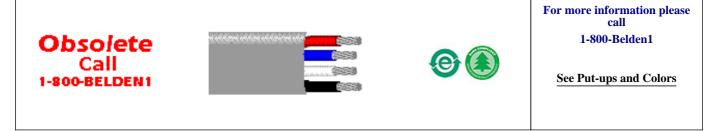


3082K Flat - DeviceBus® for ODVA DeviceNet[™]



Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
AWG	16
Stranding	19x29
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material :

Layer Number	Material Trade Name	Material	Wall Thickness (in.)	Diameter (in.)
		PVC - Polyvinyl Chloride (Power Pairs)		
		FPE - Foam Polyethylene (Data Pairs)		
Insulation Diameter		.110 in.		

Insulation Diameter

PAIR:

Pair Color Code Chart :

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

OUTER SHIELD:

Outer Shield Material	Unshielded
OUTER JACKET:	
Outer Jacket Material	PVC - Polyvinyl Chloride
OVERALL NOMINAL DIAMETER:	
Overall Nominal Diameter	.760 x .210 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-25°C To +75°C
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3082K Flat - DeviceBus® for ODVA DeviceNetTM

UL Temperature Rating			75°C				
Max. Recommended Pulling	Tension		160 lbs.				
Min. Bend Radius (Install)			2.1 in.				
APPLICABLE SPECIFIC	CATIONS AND A	GENCY	COMPLIAN	CE:			
APPLICABLE STANDAR	RDS:						
NEC/(UL) Specification			CMG, CL2, I	PLTC			
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 ful approved All	lly compliant en Bradley Ky	with the C wikLink(T	DVA specification	n, and is compatible with th
FLAME TEST:							
CSA Flame Test			FT4				
SUITABILITY:							
Sunlight Resistance			Yes				
PLENUM/NON-PLENUM	I:						
Plenum (Y/N)			Ν				
ELECTRICAL CHARAC	TERISTICS:						
Nom. Characteristic Impedar	nce :						
Description				Nom. Chara	acteristic	Impedance (Ohm	s)
Data Pair				120			
Nom. Capacitance Conducto	or to Conductor :						
Description				Nom. Capad	citance Co	onductor to Cond	uctor (pF/ft)
Data Pair				14.7			
Nominal Velocity of Propaga	ation		75 %				
Nominal Delay :							
Description		Freque	ncy			Nominal Delay (ns/ft)
Data Pair						1.6	
Nom. Conductor DC Resista	nce @ 20 Deg. C		4.9 Ohms/10	000 ft			
Max. Attenuation :	2						
Max. 7 Itternuution .			Start Freque	ency (MHz)	Stop Fr	equency (MHz)	Max. Attenuation
	Frequency (MHz	r)	Start Frequ				(dB/100 ft.)
	Frequency (MHz	2)	Start Freque	, ()			(dB/100 ft.) .13
Description		2)	Surrrequ				(dB/100 ft.)
Description Data Pair	.125	2)					(dB/100 ft.) .13
Description Data Pair Data Pair	.125 .500 1.000	x) 	300 V RMS				(dB/100 ft.) .13 .25



3082K Flat - DeviceBus® for ODVA DeviceNetTM

Notes

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

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
3082K T5U1378	4 #16 PVC/FRPE FLAT DEVICENET	1378	165.36	GRAY T5U	С
3082K T5U246	4 #16 PVC/FRPE FLAT DEVICENET	246	30.75	GRAY T5U	С
3082K T5U656	4 #16 PVC/FRPE FLAT DEVICENET	656	78.72	GRAY T5U	С

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 08-24-2007

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