Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1422A Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232/422



For more Information please call

1-800-Belden1



Description:

24 AWG stranded (7x32) TC conductors, Datalene® insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
5	24	7x32	TC - Tinned Copper

Total Number of Conductors: 10

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	
Datalene®	FPE - Foam Polyethylene	0.013	

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Таре	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.035

Overall Cable

Overall Nominal Diameter: 0.294 in.

Pair

Pair Color Code Chart:

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White
3	White/Green & Green/White
4	White/Brown & Brown/White
5	White/Gray & Gray/White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C		
Non-UL Temperature Rating:	80°C (UL AWM Style 2919)		
Bulk Cable Weight:	39 lbs/1000 ft.		
Max. Recommended Pulling Tension:	55 lbs.		
Min. Bend Radius/Minor Axis:	3 in.		

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Applicable Specifications and Agency Co	ompliance (Overall)				
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	CM				
CEC/C(UL) Specification:	CM				
AWM Specification:	UL Style 2919 (30 V 80°C)				
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):	01/01/2004				
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				
Flame Test					
UL Flame Test:	UL1685 UL Loading				
Plenum/Non-Plenum					
Plenum (Y/N):	No				

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



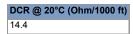
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:

Voltage	Description		
30 V RMS	UL AWM Style 2919		
300 V RMS	CM		

Max. Recommended Current:



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Notes (Overall)

Notes: Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low distortion data handling. Physical properties include good crush resistance and light weight.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1422A 0601000	1,000 FT	43.000 LB	CHROME	С	5 PR #24 FHDPE FS PVC
1422A 060500	500 FT	23.000 LB	CHROME	С	5 PR #24 FHDPE FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-11-2012

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