Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9929 Multi-Conductor - Low-Capacitance Computer Cable for EIA RS-232/423



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, Datalene® insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), drain wire, PVC jacket.

5

Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)	
Datalene®	FPE - Foam Polyethylene	0.381	

Outer Shield

Outer Shield Material:

Layer # Outer Shield Trade Name		Type	Outer Shield Material	Coverage (%)	
	1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
	2		Braid	TC - Tinned Copper	65

Outer Shield Drain Wire AWG:

AWG Stranding		Drain Wire Conductor Material		
24	Stranded	TC - Tinned Copper		

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889

Overall Cable

Overall Cabling Color Code Chart:



Overall Nominal Diameter: 6.248 mm

Mechanical Characteristics (Overall)

(
Operating Temperature Range:	-30°C To +80°C		
UL Temperature Rating:	80°C (UL AWM Style 2919)		
Bulk Cable Weight:	47.622 Kg/Km		
Max. Recommended Pulling Tension:	253.547 N		
Min. Bend Radius/Minor Axis:	63.500 mm		

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Applicable Specifications and Agency Compliance (Overall)				
Applicable Standards & Environmental Progra	ams			
NEC/(UL) Specification:	CM			
CEC/C(UL) Specification:	CM			
AWM Specification:	UL Style 2919 (30 V 80°C)			
EU Directive 2011/65/EU (ROHS II):	Yes			
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			

No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



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

Nom. Capacitance Cond. to Other Conductor & Shield:



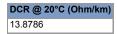
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:

Vo	Itage	Description
30	V RMS	UL AWM Style 2919
30	0 V RMS	СМ

Max. Recommended Current:

Current	
1.8 Amps per conductor @ 25°C	1

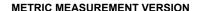
Notes (Overall)

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

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
9929 060100	100 FT	4.000 LB	CHROME		5 #24 FHDPE SH PVC
9929 0601000	1,000 FT	36.000 LB	CHROME	С	5 #24 FHDPE SH PVC
9929 060500	500 FT	18.000 LB	CHROME	С	5 #24 FHDPE SH PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 09-14-2012

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