

9729 Multi-Conductor - Shielded Twisted Pair Cable

For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) tinned copper conductors, Datalene® insulation, twisted pairs, individually Beldfoil® shielded (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

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Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material Dia. (mm)	
2 24 7x32 TC - Tinned Copper 0.6096	
Total Number of Conductors:	4
Insulation	
Insulation Material:	
Insulation Trade Name Insulation Material Wall Thickne	ss (mm)
Datalene® FPE - Foam Polyethylene 0.483	
Inner Shield Inner Shield Material:	
Inner Shield Trade Name Type Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®) Tape Aluminum Foil-Polyester Tape	100
Inner Shield Drain Wire AWG:	
AWG	
24	
Luces Objects Date Miles Oferen die en	7-00
Inner Shield Drain Wire Stranding:	7x32
Inner Shield Drain Wire Conductor Material:	TC - Tinned Copper
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (mm)	
PVC - Polyvinyl Chloride 1.219	
Overall Cable	
Overall Nominal Diameter:	6.756 mm
Pair	
Pair Color Code Chart:	
Number Color	
1 Black & Red	
2 Black & White	
Pair Lay Length & Direction:	
Lay Length (mm) Twists (twist/m) Direction	
44.450 22.639 Left Hand	
Machanical Characteristics (Oursell)	
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	60°C (UL AWM Style 2493)
Bulk Cable Weight:	52.087 Kg/Km
Max. Recommended Pulling Tension:	97.860 N
Min. Bend Radius/Minor Axis:	69.850 mm
Applicable Specifications and Agency Compliance	(Overall)
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CM
NEC Articles:	800

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9729 Multi-Conductor - Shielded Twisted Pair Cable

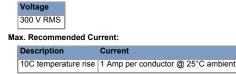
A14/04 0					
AVVIVI Sp	pecification:	UL Style 2493 (300 V 60°C)			
EU Direc	ctive 2011/65/EU (ROHS II)	: Yes			
EU CE M	Mark:	Yes	ês		
	ctive 2000/53/EC (ELV):	Yes			
	ctive 2002/95/EC (RoHS):		Yes		
EU RoHS	S Compliance Date (mm/de	d/yyyy): 01/01/2004			
EU Direc	ctive 2002/96/EC (WEEE):	Yes			
EU Direc	ctive 2003/11/EC (BFR):	Yes	Yes		
CA Prop	o 65 (CJ for Wire & Cable):	Yes	Yes		
	er #39 (China RoHS):	Yes			
ame Test					
UL Flam		UL1685 UL Loading			
	ame Test:	FT1			
uitability					
	ity - Indoor:	Yes			
	n-Plenum				
Plenum	(Y/N):	No			
Plenum	Number:	89729, 82729			
0.75463 om. Capacit Capacitan 41.0125	tance Conductor to Conductor (pF/m)				
0.75463 om. Capacitan 41.0125 om. Capacitan 76.1192 ominal Velo VP (%) 76 DCR @ 20 78.744	tance Conductor to Condu tance (pF/m) tance Cond. to Other Cond tance (pF/m) Docity of Propagation: ctor DC Resistance: 0°C (Ohm/km)	ductor & Shield:			
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Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9729 Multi-Conductor - Shielded Twisted Pair Cable



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
9729 060100	100 FT	4.300 LB	CHROME		2 FS PR #24 FHDPE PVC
9729 0601000	1,000 FT	38.000 LB	CHROME	С	2 FS PR #24 FHDPE PVC
9729 06010000	10,000 FT	390.000 LB	CHROME	CY	2 FS PR #24 FHDPE PVC
9729 060500	500 FT	20.500 LB	CHROME	С	2 FS PR #24 FHDPE PVC
9729 0605000	5,000 FT	185.000 LB	CHROME	С	2 FS PR #24 FHDPE PVC

Notes:

C = CRATE REEL PUT-UP

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500".

Revision Number: 2 Revision Date: 08-02-2013

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