# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 9328 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



# **Description:**

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded, PVC jacket.

# **Physical Characteristics (Overall)**

### Conductor

#### AWG:

# Pairs	AWG	Stranding	<b>Conductor Material</b>
2	22	7x30	TC - Tinned Copper

#### Insulation

### Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.062

### **Inner Shield**

#### Inner Shield Material:

Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

#### Inner Shield Drain Wire AWG:

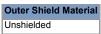


Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

## **Outer Shield**

#### **Outer Shield Material:**



#### **Outer Jacket**

#### **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.042

Outer Jacket Ripcord: Yes

## **Overall Cable**

#### **Overall Cabling Lay Length & Direction:**

Direction
Left-hand Lay

Overall Nominal Diameter: 0.323 in.

# **Pair**

## **Pair Color Code Chart:**

Number	Color
1	Black & Red and Numbered 1
2	Black & Red and Numbered 2



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Operating Temperature Range:	-30°C To +105°C	
Bulk Cable Weight:	46 lbs/1000 ft.	
Max. Recommended Pulling Tension:	54 lbs.	
Min. Bend Radius (Install)/Minor Axis:	3 in.	
pplicable Specifications and Agency C	ompliance (Overall)	
applicable Standards & Environmental Prog	ırams	
CEC/C(UL) Specification:	CMG	
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):	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	
lame Test		
UL Flame Test:	UL1685 FT4 Loading	
C(UL) Flame Test:	FT4	
IEEE Flame Test:	1202	
Suitability		
Suitability - Indoor:	Yes	
Suitability - Outdoor:	Yes	
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
Plenum/Non-Plenum		
Plenum (Y/N):	No	

# **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/ft)
.21

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
54

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

76 Ohm/1000 ft

Max. Operating Voltage - UL:



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Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

#### Max. Recommended Current:

Current	
3.8 Amps per conductor @ 25°C	

#### **Related Documents:**

No related documents are available for this product

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9328 0601000	1,000 FT	46.000 LB	CHROME	С	2 #22 FSPR PVC PVC
9328 060500	500 FT	23.500 LB	CHROME	С	2 #22 FSPR PVC PVC
9328 0605000	5,000 FT	230.000 LB	CHROME		2 #22 FSPR PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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