Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9527 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



General Description:

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Spical Characteristics (Overall) Prime Average Stranding Conductor Material Prime Average Stranding Conductors: Spical Characteristics (Overall) Prime Average Stranding Conductors: Spical Characteristics (Overall) Prime Average Stranding Conductors: Spical Characteristics (Overall) Biologica Stranding Conductors: Spical Characteristics (Overall) Biologica Stranding Conductor Material Prime Average (N) Biologica Stranding Conductor Material Control Standing Trans Pool of Straig Material Prime Average Material: Pool of Straig Material Pool of Strai	vala al 1		
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Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9527 Multi-Conductor - 300V Power-Limited Tray Cable

23	Black & Red and Numbered
24	Black & Red and Numbered
25	Black & Red and Numbered
26	Black & Red and Numbered
27	Black & Red and Numbered

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C			
UL Temperature Rating:	105°C			
Bulk Cable Weight:	280 lbs/1000 ft.			
Max. Recommended Pulling Tension:	500 lbs.			
Min. Bend Radius/Minor Axis:	7.500 in.			

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
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):	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
Flame Test	
UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202
Suitability	
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No
Surface Printing (Overall)	
Surface Printing:	LEGEND: BELDEN 9527 E34972 27PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL)

Electrical Characteristics (Overall)

Nom. Inductance:

15

Inductance (µH/ft)
.21
Nom. Capacitance Conductor to Conductor:
Capacitance (pF/ft)
26
Nom. Capacitance Cond. to Other Conductor & Shield:
Capacitance (pF/ft)
45
Nom. Conductor DC Resistance:
DCR @ 20°C (Ohm/1000 ft)
15
Nominal Outer Shield DC Resistance:
DCR @ 20°C (Ohm/1000 ft)

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Max. Operating Voltage - UL:

	Voltage				
	300 V RMS				
Ма	x. Recomme	nde	d (Curr	ent:
	Current				
	0.4.4		a al i		~

2.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9527 0601000	1,000 FT	312.000 LB	CHROME	CZ	27 PR #22 PVC SHLD PVC
9527 060500	500 FT	152.000 LB	CHROME	С	TRANSFER REVIEW (20 TO 30)

Notes:

C = CRATE REEL PUT-UP

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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