

9696 Paired - P.O.S. (Point Of Sale) Cable

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 8 for Data Twist Cables (Modified Western Electric).pdf</p>
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Description:

22 AWG solid bare copper conductors, twisted pairs, Polyethylene insulated, overall 100% Beldfoil® shield, 22 AWG solid tinned copper drain wire, overall tinned copper braid shield (58% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	Solid
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene
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PAIR:

Pair Color Code Chart :

Number	Color	Number	Color
1	Blue & White with Blue Stripe	2	Orange & White with Orange Stripe

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	58

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	Solid
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper



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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.290 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	62 lbs/1000 ft.
Max. Recommended Pulling Tension	64 lbs.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	2919 (30 V)

FLAME TEST:

UL Flame Test	UL 1581 Vertical Tray
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Non-Plenum Number	89696

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	100 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	16 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	27.5 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	14.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	4.2 Ohms/1000 ft

Max. Attenuation (dB/100 ft.) :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	.3			.4
	.6			.53
	1			.6
	1.5			.78

Max. Operating Voltage - UL	300 V RMS
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9696 0101000	2 PR #22 PE SHLD PVC	1000	44	BLACK	C
9696 010500	2 PR #22 PE SHLD PVC	500	22.5	BLACK	

C = CRATE REEL PUT-UP.

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