

## PORTABLE CORDAGE

Description	Cat. No.	Standard Lengths		Std. Unit Lbs. ea.	AWG (strand- ing)	Insulation Thickness		Jacket Thickness		Nominal O.D.		
		ft.	m			Inch	mm	Inch	mm	Inch	mm	
<b>4-Conductor—Rubber Jacket 300V 60°C Colour code: Black, White, Brown, Red.</b>												
 4097 Paper Tape Separator	8454	50 Black	15.2	2.7	18 (41×34) tinned	.018	.46	.039	.99	.272	6.91	
		100 Black	30.5	5.3								
		500 Black	152.4	23.7								
		1000 Black	304.8	47.5								
<b>5-Conductor—Rubber Jacket 300V 60°C Colour code: Brown, Green, White, Black, Red.</b>												
 4256 Paper Tape Separator	8455	100 Black	30.5	5.1	3-20 (27×34) tinned	.018	.46	.031	.79	.280	7.11	
		250 Black	76.2	12.9	2-18 (42×34) tinned	.018	.46					
		500 Black	152.4	23.5								
		1000 Black	304.8	45.9								

# Belden Networking Cables

## DATATWIST THREE

### 100 OHM UTP

Description UL AWM Style	Cat. No. UL NEC C(UL) CEC Type	No. of Pairs	Standard Lengths		Std. Unit Lbs. ea.	Insulation Thickness		Nominal O.D.		Nominal Capacitance		Nominal D.C.R. Cond.	Nom. Imp. (ohms)	Freq. MHz	Max. Attenuation		Min. N.E.X.T.** dB
			ft.	m		Inch	mm	Inch	mm	pF/ft.	pF/m				dB/1000 ft.	dB/100 m	
<b>NON-PLENUM 24 GAUGE, S-R PVC INSULATED PVC JACKET Product Description</b>																	
24 AWG solid bare copper, S-R PVC insulated, twisted pairs, unshielded, Gray PVC jacket, sequentially marked at two foot intervals. See Colour Code Chart No. 5. Third Party verified to TIA/EIA 568-A Category 3.																	
 NEC Article 800	1229A1	4	U-1000	U-304.8	17.4	.007	.178	.170	4.43	19	62.3	28Ω/M'	100	1	7.8	2.56	41
	NEC CMR													4	17	5.58	32
	CEC CMR													10	30	9.84	26
														16	4	13.1	23
 NEC Article 800	1232A1	25	1000	304.8	88.2	.009	.229	.390	9.91	22	72.1	28Ω/M'	100	1	7.8	2.56	41
	NEC CMR													4	17	5.58	32
	CEC CMR													10	30	9.84	26
														16	4	13.1	23
<b>PLENUM 24 GAUGE, LS PVC INSULATED, LS PVC† JACKET Product Description</b>																	
24 AWG solid bare copper, LS PVC† insulated, twisted pairs, unshielded, White LS PVC† jacket, sequentially marked at two foot intervals. See Colour Code Chart No. 5. Third Party verified to TIA/EIA 568-A Category 3.																	
 NEC Article 800	1245A2	4	U-1000	U-304.8	19.1	.008	.203	.180	4.57	19	62.3	28Ω/M'	100	1	7.8	2.56	41
	NEC CMP													4	17	5.58	32
	CEC CMP													10	30	9.84	26
														16	40	13.1	23

\*Capacitance between conductors.

\*\*Near end crosstalk (25 Pair Power Sum tested).

†Low Smoke PVC.

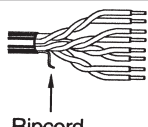
## BELDEN NETWORKING CABLES DATATWIST FIVE

### 100 OHM UTP/STP

Description UL AWM Style	Cat. No. UL NEC C(UL) CEC Type	No. of Pairs	Standard Lengths		St. Unit Lbs. ea.	Insulation Thickness		Nominal* O.D.		Nominal Capacitance		Nominal D.C.R. Cond.	Nom. Imp. (ohms)	Freq. MHz	Max. Attenuation		Min. N.E.X.T.** dB
			ft.	m		Inch	mm	Inch	mm	pF/ft.	pF/m				dB/1000 ft.	dB/100 m	
<b>NON-PLENUM 24 GAUGE SOLID CONDUCTORS UNSHIELDED PVC JACKETED Product Description</b>																	
24 AWG solid bare copper, polyolefin insulated, twisted pairs, unshielded, ripcord, PVC jacket, colours: 1588A-Gray and Blue; 1583A-Grey, Blue, Red, Orange, Yellow, Green and Pink, sequentially marked at two foot intervals. See Data Twist Colour Code Chart. Third party verified to TIA/EIA 568-E.																	
 Ripcord	1583R	4	1000	305	24.0	.0075	.191	.214	5.44	15	49.2	26Ω/M'	100	4	12.3	4.05	53
	NEC CMR		U1000	U305	23.8									10	19.7	6.47	47
	CEC CMR		1640	500	40.6									16	25.1	8.25	44
			3000	914.4	71.5									31.25	35.7	11.7	39
														62.5	51.8	17.0	35
														100	67.1	22.0	32

For complete product selection please contact your Electro Sonic sales representative.

## 100 OHM UTP

Description UL AWM Style	Cat. No. UL NEC C(UL) CEC Type	No. of Pairs	Standard Lengths		Std. Unit Lbs. ea.	Insulation Thickness		Nominal O.D.		Nominal Capacitance		Nominal D.C.R. Cond.	Nom. Imp. (ohms)	Freq. MHz	Max. Attenuation		Min. N.E.X.T.** dB
			ft.	m		Inch	mm	Inch	mm	* pF/ft.	* pF/m				dB/ 1000 ft.	dB/ 100 m	
<b>PLENUM 24 GAUGE, SOLID CONDUCTORS UNSHIELDED PLENUM JACKETED Product Description</b> 24 AWG solid bare copper, FEP Teflon® and/or flame retardant polyolefininsulated, twisted pairs, unshielded, ripcord, Flamarrest® jacket, colours: 1590A-Natural and Blue; 1585A-Natural, Blue, Red, Orange, Yellow, Green, Slate Grey and Pink, sequentially marked at two foot intervals. See Data Twist Colour Code Chart. Third party verified to TIA/EIA 568-E.																	
	1585A NEC CMP CEC CMP Plenum†	4	1000 3000 A1000	305 914.4 305	27.9 81.8 34.50	.007	.178	.204	5.18	15	49.2	26Ω/M'	100	4 10 16 31.25 62.5 100	12.3 19.7 25.1 35.7 51.8 67.1	4.05 6.47 8.25 11.7 17.0 22.0	53 47 44 39 35 32

\*Capacitance between conductors.  
\*\*Near end crosstalk (25 Pair Power Sum tested).  
†Low Smoke PVC.

# New Generation™ Electronic Cables

## NEWLY DESIGNED FOR YOUR SPECIFIC WIRING NEEDS

Belden® New Generation cables are low voltage, electronic cables that have been re-engineered to deliver one of the largest, most economical, and up-to-date selections of multi-conductor and coaxial products available today. It's a whole New Generation of cables for sound, control, computer interconnect, alarm, security, CCTV and other communications applications.

### SECURITY/ALARM

#### DESCRIPTION:

**Insulation:** PVC  
**Jacket:** Grey PVC with Ripcord; Sequential Footage Marked  
**Conductor:** Bare Copper  
**Approvals:** UL Type CMR or CL3R; (CMR: 22-16 AWG, CL3R: 14-12 AWG); NEC Article(s) 800, 725; 75°C  
**Applications:** Security Systems; Intercom/P.A. Systems; Sound/Audio; Power Limited Controls  
**Put-ups:** 1000'

#### UNSHIELDED RISER MULTI-CONDUCTOR UL NEC TYPE: CMR CL3R

Cat. No.	AWG	Conductor Stranding	No. of Conductors	Insulation Thickness	Jacket Thickness	Nominal O.D.	1000' UnReel® Available	Weight per 1000' Lbs.
5011UE-1000*	14	19 Strand	2	.014	.015	.234	—	40.2
5202UE-1000	16	19 Strand	4	.010	.015	.213	UnReel	47.0
5300UE-1000	18	7 Strand	2	.010	.015	.161	UnReel	18.1
5302UE-1000			4	.010	.015	.188	UnReel	32.3
5307UE-1000			9	.010	.015	.269	—	67.9
5320UE-1000			2	Solid	.010	.015	.151	UnReel
5402UE-1000	20	7 Strand	4	.010	.015	.165	UnReel	23.2
5500UE-1000	22	7 Strand	2	.010	.015	.128	UnReel	9.5
5501UE-1000			3	.010	.015	.135	UnReel	13.5
5504UE-1000			6	.010	.015	.177	UnReel	27.4
5509UE-1000			12	.010	.015	.233	UnReel	43.9

\*Colour Code: Black, White.

#### DESCRIPTION:

**Insulation:** Flamarrest®  
**Jacket:** Natural Flamarrest with Ripcord; Sequential Footage Marked  
**Conductor:** Bare Copper  
**Approvals:** UL Type CMP or CL2P (CMP: 22-16 AWG, CL2P: 14-12 AWG); NEC Article(s) 800, 725; 75°C  
**Applications:** Security Systems; Intercom/P.A. Systems; Sound/Audio; Power Limited Controls  
**Put-ups:** 1000'

#### UNSHIELDED PLENUM MULTI-CONDUCTOR UL NEC TYPE: CMP, CL2P

Cat. No.	AWG	Conductor Stranding	No. of Conductors	Insulation Thickness	Jacket Thickness	Nominal O.D.	1000' UnReel® Available	Weight per 1000' Lbs.
6200UE-1000	16	19 Strand	2	.009	.015	.178	UnReel	25.8
6300UE-1000	18	7 Strand	2	.009	.015	.157	UnReel	18.5
6301UE-1000			3	.009	.015	.168	UnReel	25.4
6302UE-1000			4	.009	.015	.186	UnReel	37.2
6400UE-1000	20	7 Strand	2	.009	.015	.138	UnReel	13.9
6500UE-1000	22	7 Strand	2	.009	.015	.124	UnReel	9.9
6502UE-1000			4	.009	.015	.143	UnReel	17.5
6506UE-1000			8	.009	.015	.186	UnReel	31.3

\*Colour Code: Black, White.

For complete product selection please contact your Electro Sonic sales representative.