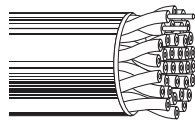


**DataTwist® 3 UTP Cable**

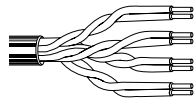
TIA/EIA-568-A, Category 3 Nonbonded-Pair Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR (Cond.)	Nom. Imped. ( $\Omega$ )	Nominal Capacitance		Freq. (MHz)	Min. NEXT (dB)	Maximum Attenuation	
				Ft.	m	Lbs.	kg	Inch	mm			* pF/Ft.	* pF/m			(dB/ 1000')	(dB/ 100m)

**24 AWG Solid Bare Copper Conductors • Twisted Pairs • See Color Code Chart (below)****Non-Plenum • Polyolefin Insulation • Gray PVC Jacket**

<b>1227A1</b>	NEC:	2	U-1000	U-304.8	13.0	6.0	.173	4.39	28.0 $\Omega$ /M'	100	19.0	62.3	1	41.0	7.8	2.56
	CMR												4	32.0	17.0	5.58
	CEC:												10	26.0	30.0	9.71
	CMR												16	23.0	40.0	13.10
<b>1229A1</b>	NEC:	4	U-1000	U-304.8	22.0	10.0	.197	5.00								
	CMR															
<b>1232A1</b>	NEC:	25†	1000	304.8	104.0	47.2	.399	10.14								
	CMR															

Jacket sequentially marked at 2 ft. intervals.  
Third party verified to TIA/EIA-568-A, Category 3

**Plenum • Low-Smoke PVC Insulation • White Low-Smoke PVC Jacket**

<b>1243A2</b>	NEC:	2	U-1000	U-304.8	14.0	6.4	.170	4.32	28.0 $\Omega$ /M'	100	19.0	62.3	1	41.0	7.8	2.56
	CMP												4	32.0	17.0	5.58
	CEC:												10	26.0	30.0	9.71
	CMP												16	23.0	40.0	13.10
<b>1245A2</b>	NEC:	4	U-1000	U-304.8	23.0	10.4	.200	5.08								
	CMP															

Jacket sequentially marked at 2 ft. intervals.  
Third party verified to TIA/EIA-568-A, Category 3

DCR = DC Resistance • NEXT = Near-end Crosstalk • UTP = Unshielded Twisted Pair(s)

\*Capacitance between conductors

† 25-pair NEXT is Power Sum tested.

Not RoHS compliant at time of printing. Please check with Belden Technical Support for current compliance information at 1-800-BELDEN-1.

**Color Codes: DataTwist 3**

Pair No.	Color Combination	Pair No.	Color Combination
1	White/Blue Stripe & Blue/White Stripe	14	Black/Brown Stripe & Brown/Black Stripe
2	White/Orange Stripe & Orange/White Stripe	15	Black/Gray Stripe & Gray/Black Stripe
3	White/Green Stripe & Green/White Stripe	16	Yellow/Blue Stripe & Blue/Yellow Stripe
4	White/Brown Stripe & Brown/White Stripe	17	Yellow/Orange Stripe & Orange/Yellow Stripe
5	White/Gray Stripe & Gray/White Stripe	18	Yellow/Green Stripe & Green/Yellow Stripe
6	Red/Blue Stripe & Blue/Red Stripe	19	Yellow/Brown Stripe & Brown/Yellow Stripe
7	Red/Orange Stripe & Orange/Red Stripe	20	Yellow/Gray Stripe & Gray/Yellow Stripe
8	Red/Green Stripe & Green/Red Stripe	21	Purple/Blue Stripe & Blue/Purple Stripe
9	Red/Brown Stripe & Brown/Red Stripe	22	Purple/Orange Stripe & Orange/Purple Stripe
10	Red/Gray Stripe & Gray/Red Stripe	23	Purple/Green Stripe & Green/Purple Stripe
11	Black/Blue Stripe & Blue/Black Stripe	24	Purple/Brown Stripe & Brown/Purple Stripe
12	Black/Orange Stripe & Orange/Black Stripe	25	Purple/Gray Stripe & Gray/Purple Stripe
13	Black/Green Stripe & Green/Black Stripe		

**D-Inside and D-Flex Plenum UTP Cable**

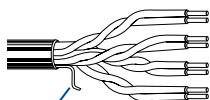
TIA/EIA-568-A and CSA T529-95, Category 3

Category 3 Nonbonded-pair Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω/100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/100m)	Freq. (MHz)	Max. Atten. (dB/100m)	Min. NEXT (dB)	Input Imped. (Ω)	Min. SRL (dB)
				Ft.	m	Lbs.	kg	Inch	mm								

**24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)****Non-Plenum • Polyvinyl Chloride Insulation • Olive Gray Low-Smoke PVC Jacket**

Olive Gray, Box	<b>24501922</b>	NEC:	2	2500	762.0	11.0	4.99	0.13	3.30	9.38	5.0	262	0.772	2.2	43.0	—	—
Olive Gray, Box	<b>24501934</b>	CMR	3	1500	457.2	15.0	6.80	0.15	3.90				1.0	2.6	41.0	100±15	12.0
Olive Gray, Box	<b>24501941</b>	CEC:	4	1000	304.8	18.0	8.16	0.17	4.30				4.0	5.6	32.0	100±15	12.0
Olive Gray, Box	<b>24501950</b>	CMR	4	1500	457.2	18.0	8.16	0.17	4.30				8.0	8.5	28.0	100±15	12.0
Olive Gray, Reel	<b>24501947</b>		4	1000	304.8	18.0	8.16	0.17	4.30				10.0	9.7	26.0	100±15	12.0
													16.0	13.1	23.0	100±15	10.0



Rip Cord

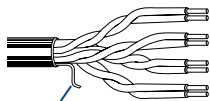
Jacket sequentially marked at 2 ft. intervals.

Featuring Descending Length Marking.

Third party verified to TIA/EIA-568-A, Category 3

**Plenum • Low Smoke Polyvinyl Chloride Insulation • Olive Gray Low-Smoke Jacket**

Olive Gray, Box	<b>24571097</b>	NEC:	3	1500	457.2	16.0	7.26	0.16	4.06	9.38	5.0	262	0.772	2.2	43.0	—	—
Olive Gray, Box	<b>24571111</b>	CMP	4	1000	304.8	19.0	8.62	0.19	4.70				1.0	2.6	41.0	100±15	12.0
Olive Gray, Box	<b>24571112</b>	CEC:	4	1500	457.2	19.0	8.62	0.19	4.70				4.0	5.6	32.0	100±15	12.0
Olive Gray, Reel	<b>24571110</b>	CMP	4	1000	304.8	19.0	8.62	0.19	4.70				8.0	8.5	28.0	100±15	12.0
													10.0	9.7	26.0	100±15	12.0
													16.0	13.1	23.0	100±15	10.0



Rip Cord

Jacket sequentially marked at 2 ft. intervals.

Featuring Descending Length Marking.

Third party verified to TIA/EIA-568-A, Category 3

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

**Color Codes: D-Inside and D-Flex**

Pair No.	Color Combination
1	White/Blue Stripe & Blue/White Stripe
2	White/Orange Stripe & Orange/White Stripe
3	White/Green Stripe & Green/White Stripe
4	White/Brown Stripe & Brown/White Stripe

# D-Series Multipair UTP Cable

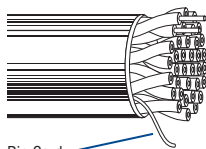
TIA/EIA-568-A and CSA T529-95, Category 3  
Category 3 Nonbonded-pair Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω/100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/100m)	Freq. (MHz)	Max. Atten. (dB/100m)	Min. PSUM NEXT (dB)	Input Imped. (Ω)	Min. SRL (dB)
				Ft.	m	Lbs.	kg	Inch	mm								

**24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)**

**Non-Plenum • Semi-Rigid Polyvinyl Chloride Insulation • Olive Gray PVC Jacket**

Olive Gray, Reel	<b>24501829</b>	NEC:	6	1000	304.8	28.0	12.7	0.21	5.3	—	8.8	262	0.772	2.2	43.0	100±15	12.0
Olive Gray, Reel	<b>24501837</b>	CMR	12	1000	304.8	50.0	22.7	0.28	7.1				1.0	2.6	41.0	100±15	12.0
Olive Gray, Reel	<b>24501848</b>	CEC:	16	984	300.0	64.0	29.0	0.32	8.0				4.0	5.6	32.0	100±15	12.0
Olive Gray, Reel	<b>24501858</b>	CMR	25	1000	304.8	100.0	45.4	0.39	10.0				8.0	8.5	28.0	100±15	12.0
Olive Gray, Reel	<b>24501877</b>		50	1000	304.8	194.0	87.0	0.53	13.4				10.0	9.7	26.0	100±15	12.0
Olive Gray, Reel	<b>24501887</b>		75	2083	635.0	279.0	126.6	0.63	16.0				16.0	13.1	23.0	100±15	10.0
Olive Gray, Reel	<b>24501897</b>		100	1575	480.0	365.0	165.6	0.72	18.2								
Olive Gray, Reel	<b>24501906</b>		200	900	274.3	703.0	318.9	0.99	25.1								

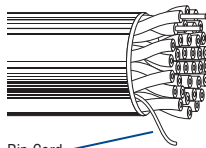


Rip Cord

Jacket sequentially marked at 2 ft. intervals.  
Featuring Descending Length Marking.  
Third party verified to TIA/EIA-568-A, Category 3

**Plenum • Low Smoke Polyvinyl Chloride Insulation • Low-Smoke PVC Jacket (Gray or Translucent)**

Translucent, Reel	<b>24571221</b>	NEC:	25	1500	457.2	107.0	48.5	0.42	10.7	—	8.8	262	0.772	2.2	43.0	100±15	12.0
Gray, Reel	<b>24571235</b>	CMP	50	1000	304.8	211.0	95.7	0.49	12.4				1.0	2.6	41.0	100±15	12.0
Gray, Reel	<b>24571250</b>	CEC:	100	1500	457.2	415.0	188.2	0.72	18.3				4.0	5.6	32.0	100±15	12.0
Gray, Reel	<b>24571265</b>	CMP	200	1000	304.8	874.0	396.4	1.04	26.3				8.0	8.5	28.0	100±15	12.0
Gray, Reel	<b>24571266</b>		300	1000	304.8	1234.0	559.7	1.27	32.3				10.0	9.7	26.0	100±15	12.0



Rip Cord

Jacket sequentially marked at 2 ft. intervals.  
Featuring Descending Length Marking.  
Third party verified to TIA/EIA-568-A, Category 3

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

**Color Codes: D-Series Multipair**

Pair No.	Tip	Ring
1	White/Blue	Blue/White
2	White/Orange	Orange/White
3	White/Green	Green/White
4	White/Brown	Brown/White
5	White/Slate	Slate/White
6	Red/Blue	Blue/Red
7	Red/Orange	Orange/Red
8	Red/Green	Green/Red
9	Red/Brown	Brown/Red
10	Red/Slate	Slate/Red
11	Black/Blue	Blue/Black
12	Black/Orange	Orange/Black
13	Black/Green	Green/Black

Pair No.	Tip	Ring
14	Black/Brown	Brown/Black
15	Black/Slate	Slate/Black
16	Yellow/Blue	Blue/Yellow
17	Yellow/Orange	Orange/Yellow
18	Yellow/Green	Green/Yellow
19	Yellow/Brown	Brown/Yellow
20	Yellow/Slate	Slate/Yellow
21	Violet/Blue	Blue/Violet
22	Violet/Orange	Orange/Violet
23	Violet/Green	Green/Violet
24	Violet/Brown	Brown/Violet
25	Violet/Slate	Slate/Violet

**Riser Multipair Armored UTP Cable**

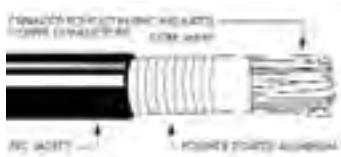
TIA/EIA-568-A and CSA T529-95, Category 3

Category 3 Nonbonded-pair Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR ( $\Omega/100m$ )	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/100m)	Freq. (MHz)	Max. Atten. (dB/100m)	Min. PSUM NEXT (dB)	Input Imped. ( $\Omega$ )	Min. SRL (dB)
				Ft.	m	Lbs.	kg	Inch	mm								

**24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)****Non-Plenum • Dual Insulation: Polyolefin/PVC • ALVYAN Sheath • Gray PVC Jacket**

Gray, Reel	<b>22713010</b>	NEC:	25	Variable Length	132.0	59.9	0.47	11.9	—	8.8	262	0.772	2.2	43.0	102±15	12.0
Gray, Reel	<b>22713020</b>	CMR	50	Variable Length	239.0	108.4	0.66	16.7				1.0	2.6	41.0	102±15	12.0
Gray, Reel	<b>22713030</b>	CEC:	100	Variable Length	421.0	191.0	0.85	21.5				4.0	5.6	32.0	102±15	12.0
Gray, Reel	<b>22713035</b>	CMR	105	Variable Length	610.0	276.7	0.99	25.3				8.0	8.5	28.0	102±15	12.0
Gray, Reel	<b>22713040</b>		200	Variable Length	766.0	347.5	1.10	28.0				10.0	9.7	26.0	102±15	12.0
Gray, Reel	<b>22713045</b>		250	Variable Length	940.0	426.4	1.22	31.0				16.0	13.1	23.0	102±15	10.0
Gray, Reel	<b>22713050</b>		300	Variable Length	1111.0	503.9	1.32	33.5								
Gray, Reel	<b>22713060</b>		400	Variable Length	1453.0	659.1	1.50	38.0								
Gray, Reel	<b>22713070</b>		600	Variable Length	2146.0	973.4	1.84	46.8								
Gray, Reel	<b>22713080</b>		900	Variable Length	3204.0	1453.3	2.25	57.1								
Gray, Reel	<b>22713090</b>		1200	Variable Length	4216.0	1912.3	2.56	65.1								



Jacket sequentially marked at 2 ft. intervals.  
Third party verified to TIA/EIA-568-A, Category 3

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

**Color Codes: Riser Multipair**

Pair No.	Tip	Ring	Binder group
1	White	Blue	White/Blue
2	White	Orange	White/Orange
3	White	Green	White/Green
4	White	Brown	White/Brown
5	White	Slate	White/Slate
6	Red	Blue	Red/Blue
7	Red	Orange	Red/Orange
8	Red	Green	Red/Green
9	Red	Brown	Red/Brown
10	Red	Slate	Red/Slate
11	Black	Blue	Black/Blue
12	Black	Orange	Black/Orange
13	Black	Green	Black/Green
14	Black	Brown	Black/Brown
15	Black	Slate	Black/Slate
16	Yellow	Blue	Yellow/Blue
17	Yellow	Orange	Yellow/Orange
18	Yellow	Green	Yellow/Green
19	Yellow	Brown	Yellow/Brown
20	Yellow	Slate	Yellow/Slate
21	Violet	Blue	Violet/Blue
22	Violet	Orange	Violet/Orange
23	Violet	Green	Violet/Green
24	Violet	Brown	Violet/Brown
25	Violet	Slate	Violet/Slate