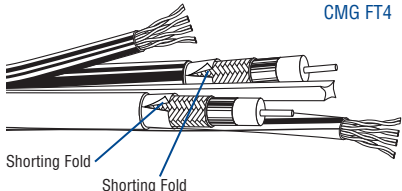


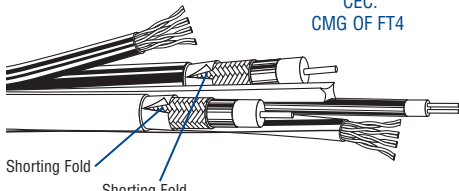
Composite Data, Audio, Video, Security and Control Cable

Banana Peel® Jacketless Cables

Category 5e Bonded-Pairs

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm
Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus® (Bonded Tri-Shield)														
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
	7876S	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	63.0 119.0	28.6 54.0	.550	13.97	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) Bare Copper Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.204	5.18
									(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus (Bonded Tri-Shield): Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
U.S. Patents 7,049,523; 5,606,151; 5,734,126. Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.														

Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus • (1) 2-Fiber LANLite®

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
	7878S	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	71.5 137.0	32.4 62.1	.595	15.11	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) Bare Copper Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.204	5.18
									(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus (Bonded Tri-Shield): Duobond + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5µ/125µ/900µ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45
U.S. Patents 7,049,523; 5,606,151; 5,734,126. Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.														

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: **1-800-BELDEN-1**.

Request quotations of cables not listed.

Color Codes: Cat 5e UTP

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

Composite Data, Audio, Video, Security and Control Cable

Banana Peel® Jacketless Cables

Category 5e

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors		Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm				Inch	mm		

Composite • (1) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond® IV* Quad Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • PVC Jackets • No Overall Jacket														
7956S <small>new</small>	NEC:	500	152.4	59.0	26.8	.596	15.14	(2) 4-Pair UTP	None	Polyolefin	PVC	.194	4.93	
	CEC: CMR CMG FT4	1000	304.8	112.0	50.8			Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)		(see chart below)	(1) Blue (1) Green			
	(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	PVC (1) Black (1) White	.298	7.57								

U.S. Patent 7,049,523.
Third party verified to TIA/EIA-568-B.2, Category 5e.
Coax shield effectiveness 110dB @ 1GHz.
Coax sweep tested to 3.0 GHz and jacket sequentially marked.

Composite • (2) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
7913S	NEC:	500	152.4	68.5	31.1	.600	15.24	(2) 4-Pair UTP	None	Polyolefin	F-R PVC	.194	4.93	
	CEC: CMR CMG FT4	1000	304.8	130.0	59.0			Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)		(see chart below)	(1) Blue (1) Green			
	(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57								

U.S. Patent 7,049,523.
Third party verified to TIA/EIA-568-B.2, Category 5e.
Coax shield effectiveness 110dB @ 1GHz.
Coax sweep tested to 3.0 GHz and jacket sequentially marked.

Composite • (2) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield • (1) 2-Fiber LANLite®

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
7914S	NEC:	500	152.4	77.0	34.9	.625	15.88	(2) 4-Pair UTP	None	Polyolefin	F-R PVC	.194	4.93	
	CEC: CMR OF CMG OF FT4	1000	304.8	148.0	67.1			Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)		(see chart below)	(1) Blue (1) Green			
	(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57								
	(1) 2-Fiber LANLite: Gigabit Ethernet 62.5µ/125µ/900µ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45								

U.S. Patent 7,049,523.
Third party verified to TIA/EIA-568-B.2, Category 5e.
Coax shield effectiveness 110dB @ 1GHz.
Coax sweep tested to 3.0 GHz and jacket sequentially marked.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: **1-800-BELDEN-1**. Request quotations of cables not listed.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Codes: Cat 5e UTP

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

Composite Data, Audio, Video, Security and Control Cable

Jacketed Cables

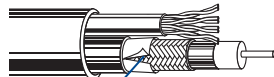
Category 5e Bonded-Pairs

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors		Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm				Inch	mm		

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond Plus® Bonded Tri-Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7910A	NEC:	500	152.4	48.5	22.0	.335	8.51	(1) 4-Pair UTP	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CEC:	1000	304.8	91.0	41.3	x	x	Data Cable: Cat 5e Bonded-Pairs 24 AW (solid) BC Cond. (1700R style)					
	CMR:							(1) Coax:	Duobond Plus Bonded	Gas-injected Foam	F-R PVC (1) Black	.275	6.99
	CEC:							Series 6 18 AWG (solid)	Tri-Shield: Duobond® + Bare Copper Cond.	77% AL Braid + AL Foil w/ Shorting Fold			
	CMG FT4							(7915A style)		4.6Ω/M' 15.1Ω/km			



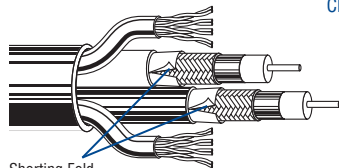
Shorting Fold

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (2) Cat 5e 4-Bonded-Pair UTP • (2) Series 6 Coax w/Duobond Plus Bonded Tri-Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7876A	NEC:	500	152.4	77.0	35.0	.610	15.49	(2) 4-Pair UTP	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
	CEC:	1000	304.8	148.0	67.2			Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)					
	CMR:							(2) Coax:	Duobond Plus Bonded	Gas-injected Foam	F-R PVC (1) Black (1) White	.275	6.99
	CEC:							Series 6 18 AWG (solid)	Tri-Shield: Duobond + Bare Copper Cond.	77% AL Braid + AL Foil w/ Shorting Fold			
	CMG FT4							(7915A style)		4.6Ω/M' 15.1Ω/km			



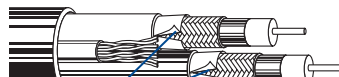
Shorting Fold

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (1) Cat 5e 4-Bonded-Pair UTP • (2) Series 6 Coax w/Duobond Plus Bonded Tri-Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7877A	NEC:	500	152.4	67.0	30.5	.610	15.49	(1) 4-Pair UTP	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CEC:	1000	304.8	128.0	58.2			Data Cable: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)					
	CMR:							(2) Coax:	Duobond Plus Bonded	Gas-injected Foam	F-R PVC (1) Black (1) White	.275	6.99
	CEC:							Series 6 18 AWG (solid)	Tri-Shield: Duobond + Bare Copper Cond.	77% AL Braid + AL Foil w/ Shorting Fold			
	CMG FT4							(7915A style)		4.6Ω/M' 15.1Ω/km			



Shorting Fold

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: **1-800-BELDEN-1**.
Request quotations of cables not listed.

Color Codes: Cat 5e UTP

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

Composite Data, Audio, Video, Security and Control Cable

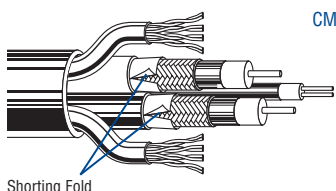
Jacketed Cables

Category 5e Bonded-Pairs and Category 5

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors		Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm				Inch	mm		

Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus® Tri-Shield • (1) 2-Fiber LANLite®

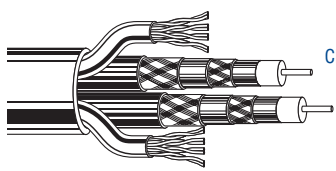
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

 <p>Shorting Fold</p>	7878A	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	84.0 162.0	34.2 73.5	.635	16.13	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
									(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (2) Cat 5 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield

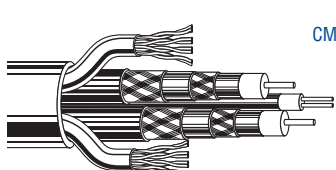
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

	7913A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	82.0 157.0	37.2 71.3	.660	16.76	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.195	4.95
									(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 110dB @ 1GHz.

Composite • (2) Cat 5 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield • (1) 2-Fiber LANLite

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

	7914A	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	88.0 169.0	40.0 76.7	.660	16.76	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.195	4.95
									(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 2.25 GHz and jacket sequentially marked.
Coax shield effectiveness 110dB @ 1GHz.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: 1-800-BELDEN-1.
Request quotations of cables not listed.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Code: Cat 5e UTP

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

Composite Data, Audio, Video, Security and Control Cable

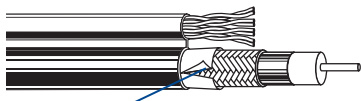
Siamese Cables

Category 5e Bonded-Pairs and Category 5

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code
			Ft.	m	Lbs.	kg	Inch	mm			

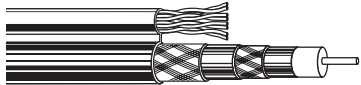
Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond Plus® Bonded Tri-Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket

Siamese Construction	7911A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	35.0 60.0	15.9 27.2	.275 x .529	6.99 x 13.44	(1) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)
									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 5.1Ω/km	Gas-injected Foam Polyethylene
<p>Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.</p>											


Composite • (1) Cat 5 4-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond IV* Quad Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket

Siamese Construction	7912A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	37.5 65.0	17.0 29.5	.297 x .543	7.54 x 13.79	(1) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)
									(1) Coax: Series 6 18 AWG (solid) AL Braids BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene
<p>Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 110dB @ 1GHz.</p>											

Composite • (1) Cat 5 4-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond II* Foil + Braid Shield

Polyolefin Insulation (Pairs) • Gas-injected Foam HDPE Insulation (Coax) • Overall Green F-R PVC Jacket

Siamese Construction	7917A	NEC: CM CEC: CM	1000	304.8	55.0	25.0	.273 x .504	6.93 x 12.80	(1) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)
									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond II: Bonded Foil (100%) + AL Braid (57%) 9.0Ω/M' 29.5Ω/km	Gas-injected Foam High-density Polyethylene
<p>Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked.</p>											

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • HDPE = High-Density Polyethylene • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: **1-800-BELDEN-1**.
Request quotations of cables not listed.

* Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Code: Cat 5e UTP

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

Composite Data, Audio, Video, Security and Control Cable

Keypad and Control Cables

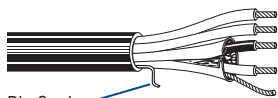
Category 5e Bonded-Pairs and Category 5

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

Composite • (1) STP (Data) 22 AWG (7x30) TC Cond. w/Beldfoil®, Drain Wire • **(2) TC Conductors** (Power) 18 AWG (16x30) Unshielded

HDFPE Insulation (Data Pair) • **F-R PVC Insulation** (Power Cond.) • **F-R PVC Jacket** (Available in Black, White or Aqua)

300V 75°C	1502R	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	20.0 44.0	9.1 20.0	.250 6.35		Data: (1) Twisted Pair 22 AWG (7x30) TC Cond.	Beldfoil® Shield (100%)	HDFPE Blue, White	F-R PVC	N/A	N/A
									(2) Power Cond.: 18 AWG (16x30) TC Cond.	None	FR-PVC Red, Black	—	N/A	N/A



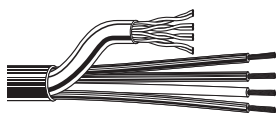
Rip Cord

Sequential footing marking every two feet.

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • **(4) 16 AWG Bare Copper Conductors** Stranded (19x29)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7949A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	54.5 99.0	24.7 44.9	.355 9.02		(1) 4-Pair UTP Data Cable: Bonded-Pairs 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 16 AWG (19x29) BC Cond.	None	PVC Red, White, Green, Black	—	.079	2.01



Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5e

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 16 AWG Bare Copper Conductors** Stranded (19x29)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7950A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	54.0 98.0	24.5 44.5	.390 9.91		(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.195	4.95
									(4) Conductors: 16 AWG (19x29) BC Cond.	None	PVC Red, White, Green, Black	—	.079	2.01



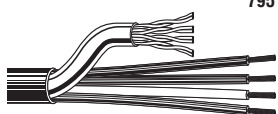
Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 18 AWG Bare Copper Conductors** Stranded (19x30)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7951A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	49.0 88.0	22.2 39.9	.407 10.34		(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.195	4.95
									(4) Conductors: 18 AWG (19x30) BC Cond.	None	PVC Red, White, Green, Black	—	.066	1.68



Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 14 AWG Bare Copper Conductors** Stranded (19x26)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

Siamese Construction	7952A	NEC: CMR CEC: CMG FT4	500	152.4	58.0	26.3	.289 7.34	.734	(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.216	5.49
							.535 13.59		(4) Conductors: 14 AWG (19x26) BC Cond.	None	PVC Red, White, Green, Black	—	.99	25.15



Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

BC = Bare Copper • DCR = DC Resistance • F-R = Flame-retardant • HDFPE = High-density Foam Polyethylene • STP = Shielded Twisted Pair • TC = Tinned Copper • UTP = Unshielded Twisted Pair

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference: 1-800-BELDEN-1.

Request quotations of cables not listed.

Color Code: Cat 5e UTP

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



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Data and Voice Cable

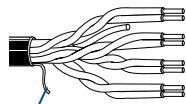
Category 6 UTP Cables

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)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

23 AWG Solid Bare Copper Conductors • Twisted Pairs • Central Rod Filler • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

75°C	7881A	NEC: CMR CEC: CMR FT4	4	1000	304.8	30.0	13.6	.235	5.97	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0
				A-1000	A-304.8	33.0	15.0						10	6.0	57.3	51.3	44.8	100±15	25.0
													20	8.5	52.8	44.3	38.7	100±15	25.0
													31.25	10.7	49.9	39.2	34.9	100±15	23.6
													62.5	15.4	45.4	30.0	28.8	100±15	21.5
													100	19.8	42.3	22.5	24.8	100±15	20.1
													200	29.0	37.8	8.8	18.7	100±22	18.0
													250	32.8	36.3	3.5	16.8	100±32	17.3



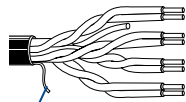
Rip Cord

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2-1, Category 6

Plenum • FRPO/FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)

75°C	7882A	NEC: CMP CEC: CMP FT6	4	1000	304.8	29.0	13.2	.224	5.69	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0
				A-1000	A-304.8	32.0	14.5						10	6.0	57.3	51.3	44.8	100±15	25.0
													20	8.5	52.8	44.3	38.7	100±15	25.0
													31.25	10.7	49.9	39.2	34.9	100±15	23.6
													62.5	15.4	45.4	30.0	28.8	100±15	21.5
													100	19.8	42.3	22.5	24.8	100±15	20.1
													200	29.0	37.8	8.8	18.7	100±22	18.0
													250	32.8	36.3	3.5	16.8	100±32	17.3



Rip Cord

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2-1, Category 6

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • FRPO = Flame-retardant Polyolefin • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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

Data and Voice Cable

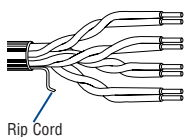
Enhanced Category 5e UTP Cables

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)	Min. PSUM ACR (dB/100m)	Min. PSUM ELFEXT (dB/100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

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

Non-Plenum • Polyolefin Insulation • PVC Jacket (Red, Orange, White, Yellow, Green, Blue, Purple, or Gray)

80°C	1700R	NEC: 4	U-1000	U-304.8	21.0	9.5	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	1000	304.8	22.0	10.0						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*	914.4	63.0	28.6							8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT4										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

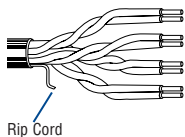
Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up not available in Orange, Yellow nor Green.

Plenum • FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)

75°C	1701A	NEC: 4	U-1000	U-304.8	23.0	10.5	.193	4.90	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	1000	304.8	24.0	10.9						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*	914.4	69.0	31.3							8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT6										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

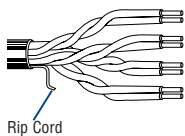
Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up available in Blue or Natural only.

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

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, White, Blue or Gray)

80°C	1500R	NEC: 4	1000	304.8	24.0	10.9	.194	4.93	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	A-1000	A-304.8	27.0	12.3						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*										8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT4										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e

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

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Data and Voice Cable

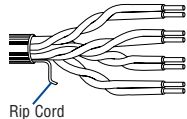
Category 5e UTP Cables

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)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

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

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, Blue, Gray, White or Pink)

80°C	1583R	NEC: CMR CEC: CMR FT4	4	U-1000 1000 3000*	U-304.8 304.8 914.4	23.0 22.0 63.0	10.5 10.0 28.6	.197	5.00	9.38	3.0	330	1 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.0 49.0 41.0 36.0 28.0 19.0 11.0 1.0	60.8 48.7 40.8 36.7 30.9 24.8 20.8 14.7	100±15 100±15 100±15 100±15 100±15 100±15 100±15 100±25	20.0 23.0 25.0 25.0 23.6 21.5 20.1 15.0
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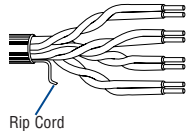
Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e

*3000 ft. put-ups available in Gray, White or Blue only.

Plenum • FRPO/FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Gray, White, Natural, Black or Pink)

75°C	1585A	NEC: CMP CEC: CMP FT6	4	U-1000 1000 3000*	U-304.8 304.8 914.4	23.0 24.0 69.0	10.5 10.9 31.4	.195	4.95	9.38	3.0	330	1 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.0 49.0 41.0 36.0 28.0 19.0 11.0 1.0	60.8 48.7 40.8 36.7 30.9 24.8 20.8 14.7	100±15 100±15 100±15 100±15 100±15 100±15 100±15 100±25	20.0 23.0 25.0 25.0 23.6 21.5 20.1 15.0
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Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e

*3000 ft. put-up available in Natural or Blue only.

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • FRPO = Flame-retardant Polyolefin • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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

Speaker Cable

Low-Capacitance OFHC Speaker Cable

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance*	
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	pF/Ft.	pF/m

Low Cap • 16 AWG Stranded (65x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)



1307A new	NEC: CMR, CL3R CEC: CMG FT4	2	U-500 1000†	U-152.4 304.8	15.0 29.0	6.8 13.2	.013 .32	.022 .56	.210 5.33	19.9	65.3
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.



1308A new	NEC: CMR, CL3R CEC: CMG FT4	4	U-500 1000†	U-152.4 304.8	26.5 54.0	12.0 24.5	.013 .32	.026 .66	.270 6.86	19.9	65.3
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 14 AWG Stranded (105x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)

For Audio Use Only



1309A new	NEC: CMR, CL3R CEC: CMG FT4	2	U-500 1000†	U-152.4 304.8	22.5 46.0	10.2 20.9	.016 .39	.027 .69	.264 6.71	20.5	67.3
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

For Audio Use Only



1310A new	NEC: CMR, CL3R CEC: CMG FT4	4	U-500 1000†	U-152.4 304.8	41.5 84.0	18.8 38.1	.016 .39	.033 .94	.319 8.10	20.5	67.3
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 12 AWG Stranded (168x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

For Audio Use Only



1311A new	NEC: CMR, CL3R CEC: CMG FT4	2	U-500 500 1000†	U-152.4 152.4 304.8	36.5 36.5 74.0	16.6 16.6 33.6	.018 .46	.036 .91	.352 8.94	22.3	73.2
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

For Audio Use Only



1312A new	NEC: CMR, CL3R CEC: CMG FT4	4	500 1000†	152.4 304.8	66.5 132.0	30.2 59.9	.018 .46	.043 1.09	.423 10.74	22.3	73.2
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 10 AWG Stranded (259x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

For Audio Use Only



1313A new	NEC: CMR, CL3R CEC: CMG FT4	2	500 1000†	152.4 304.8	55.0 109.0	25.0 49.5	.019 .48	.044 1.12	.428 10.87	23.2	76.1
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Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

OFHC = Oxygen-Free High-Conductivity

*Capacitance between conductors.

†1000 ft. put-ups not available in Blue or Green.

Color Code Chart

Cond.	Color
1	Black
2	Red
3	White
4	Green


Speaker Cable

Multi-conductor Cables for Residential, Light Commercial and Institutional Applications


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Outer Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

Multi-conductor • 16 AWG Stranded (19x29) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • Gray PVC Jacket

 <p>Rip Cord</p>	300V 75°C	5200UE	NEC: CMR CEC: CMG FT4	2	Black, Red	C-500	C-152.4	11.5	5.2	.010	.25	.015	.38	.184	4.67	
						U-500	U-152.4	13.0	5.9							
						500	152.4	12.5	5.7							
						U-1000	U-304.8	25.0	11.4							
						1000	304.8	25.0	11.4							

Jacket sequentially marked at 2 ft. intervals.

 <p>Rip Cord</p>	300V 75°C	5202UE	NEC: CMR CEC: CMG FT4	4	Black, Red, White, Green	U-500	U-152.4	23.5	10.7	.010	.25	.015	.38	.216	5.49	
						500	152.4	23.0	10.4							
						U-1000	U-304.8	45.0	20.4							
						1000	304.8	47.0	21.3							

Jacket sequentially marked at 2 ft. intervals.


Plenum • Flamarrest® Insulation • Natural Flamarrest Jacket

 <p>Rip Cord</p>	300V 75°C	6200UE	NEC: CMP CEC: CMP FT6	2	Black, Red	500	152.4	13.0	5.9	.009	.23	.015	.38	.180	4.57	
						U-1000	U-304.8	25.0	11.4							
						1000	304.8	26.0	11.8							

Jacket sequentially marked at 2 ft. intervals.

Multi-conductor • 14 AWG Stranded (19x27) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • PVC Jacket (Available in Red* or Gray)


 <p>Rip Cord</p>	300V 75°C	5100UE	NEC: CL3R FPLR*	2	Black, White	500 [†]	152.4	20.0	9.1	.014	.36	.015	.38	.234	5.94	
						U-1000 [†]	U-304.8	38.0	17.2							
						1000	304.8	40.0	18.2							

[†]500 ft. and U-1000 ft. put-ups available in Gray only.

*Red jacket only suitable for Fire Alarm applications.

Jacket sequentially marked at 2 ft. intervals.


Plenum • Flamarrest Insulation • Natural Flamarrest Jacket

 <p>Rip Cord</p>	150V 75°C	6100UE	NEC: CL2P	2	Black, White	500	152.4	19.5	8.9	.011	.28	.015	.38	.222	5.64	
						U-1000	U-304.8	38.0	17.2							
						1000	304.8	38.0	17.2							
						5000	1524.0	195.0	88.5							

Jacket sequentially marked at 2 ft. intervals.

Multi-conductor • 12 AWG Stranded (19x25) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • PVC Jacket (Available in Red* or Gray)

 <p>Rip Cord</p>	300V 75°C	5000UE	NEC: CL3R FPLR*	2	Black, White	500 [†]	152.4	29.0	13.2	.014	.36	.015	.38	.268	6.81	
						1000	304.8	57.0	25.9							

[†]500 ft. put-up available in Gray only.

*Red jacket only suitable for Fire Alarm applications.

Jacket sequentially marked at 2 ft. intervals.

For additional selection of Belden® Security, Alarm and Communications Cables, refer to the New Generation® Cables section of this catalog.


Speaker Cable

High-Strand Multi-conductor Audio Cables


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Outer Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

High-Strand • 16 AWG Stranded (65x34) Bare High-conductivity ETP Copper Conductors • Highly Stranded for Ultra Flexibility • Rip Cord

High-Grade PVC Insulation • PVC Jacket (Available in Blue, Green, White, Black or Gray)

75°C  Rip Cord	5200UP	NEC: CM	2	Black, White	U-500	U-152.4	14.5	6.6	.015	.38	.015	.38	.208	5.28
					500	152.4	14.5	6.6						
					U-1000	U-304.8	28.0	12.7						
					1000	304.8	28.0	12.7						


Jacket sequentially marked at 2 ft. intervals.

75°C  Rip Cord	5202UP	NEC: CM	4	Black, White, Red, Green	U-500	U-152.4	25.5	11.6	.015	.38	.015	.38	.244	6.20
					500	152.4	26.0	11.8						
					U-1000	U-304.8	49.0	22.2						
					1000	304.8	51.0	23.2						

Jacket sequentially marked at 2 ft. intervals.

High-Strand • 14 AWG Stranded (42x30) Bare High-conductivity ETP Copper Conductors • Highly Stranded for Ultra Flexibility • Rip Cord


High-Grade PVC Insulation • PVC Jacket (Available in Blue, Green, White, Black or Gray)

75°C  Rip Cord	5100UP	NEC: CL3	2	Black, White	U-500	U-152.4	21.0	9.5	.020	.51	.015	.38	.260	6.60
					500	152.4	22.5	10.2						
					U-1000	U-304.8	41.0	18.6						
					1000	304.8	43.0	19.5						

Jacket sequentially marked at 2 ft. intervals.

High-Strand • 12 AWG Stranded (65x30) Bare High-conductivity ETP Copper Conductors • Highly Stranded for Ultra Flexibility • Rip Cord


High-Grade PVC Insulation • PVC Jacket (Available in Blue, Green, White, Black or Gray)

75°C  Rip Cord	5000UP	NEC: CL3	2	Black, White	U-500	U-152.4	31.0	14.1	.020	.51	.018	.46	.302	7.67
					500	152.4	32.5	14.7						
					U-1000	U-304.8	64.0	29.1						
					1000	304.8	64.0	29.1						

Jacket sequentially marked at 2 ft. intervals.

High-Strand • 10 AWG Stranded (65x28) Bare High-conductivity ETP Copper Conductors • Highly Stranded for Ultra Flexibility

High-Grade PVC Insulation • Gray PVC Jacket

75°C  Rip Cord	5T00UP	NEC: CL2 Audio Use Only	2	Black, White	U-500	U-152.4	49.5	22.5	.020	.51	.026	.66	.356	9.04
					1000	304.8	96.0	43.6						
					U-1000	U-304.8	96.0	43.6						
					1000	304.8	96.0	43.6						

Jacket sequentially marked at 2 ft. intervals.

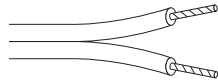
Speaker Cable

High-Conductivity Electrolytic Tough Pitch (ETP) Copper Speaker Cables

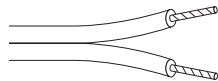
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

16 AWG Stranded (26x30) ETP High-conductivity Copper Conductors • Parallel: (1) Tinned, (1) Bare**PVC Insulation • Clear PVC Jacket**

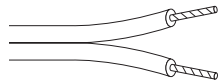
Parallel Zip Construction 300V 60°C	9716		2	U-1000 1000	U-304.8 304.8	27.0 26.0	12.3 11.8	.027	.69	.115 x .230	2.92 x 5.84
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**14 AWG** Stranded (19x27) ETP High-conductivity Copper Conductors • Parallel: (1) Tinned, (1) Bare**PVC Insulation • Clear PVC Jacket**

Parallel Zip Construction 60°C	9717		2	U-1000 1000	U-304.8 304.8	42.0 42.0	19.1 19.1	.035	.89	.146 x .292	3.71 x 7.42
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**12 AWG** Stranded (65x30) ETP High-conductivity Copper Conductors • Parallel: (1) Tinned, (1) Bare**PVC Insulation • Clear PVC Jacket**

Parallel Zip Construction 60°C	9718		2	500 1000	152.4 304.8	33.0 66.0	15.0 30.0	.045	1.14	.185 x .370	4.70 x 9.40
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Alarm, Security and Speaker Cable / Shielded Audio Cable

Multi-conductor Cables for Residential, Light Commercial and Institutional Applications, AES/EBU Digital Audio Cables, and Audio and Control Interconnect Cables


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Outer Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

Multi-conductor • 22 AWG Stranded (7x30) Bare Copper Conductors

Non-Plenum • Polypropylene Insulation • PVC Jacket (Beige, Brown, Orange, Yellow, Green, Blue, Purple, Gray or Natural)

300V 75°C	5500UG	NEC: CM	2	Black, Red	C-500	C-152.4	3.5	1.6	.006	.15	.015	.38	.114	2.90
		CEC: CM FT1			U-500	U-152.4	5.0	2.3						
					C-1000	C-304.8	7.0	3.2						
					U-1000	U-304.8	9.0	4.1						


Jacket sequentially marked at 2 ft. intervals.

300V 75°C	5502UG	NEC: CM	4	Black, Red, White, Green	C-500	C-152.4	6.5	3.0	.006	.15	.015	.38	.131	3.33
		CEC: CM FT1			U-500 *	U-152.4	7.5	3.4						
					C-1000	C-304.8	13.0	5.9						
					U-1000	U-304.8	14.0	6.4						

*U-500 ft. put-up available in Gray or White only.
Jacket sequentially marked at 2 ft. intervals.

Multi-conductor • 18 AWG Stranded (7x26) Bare Copper Conductors

Non-Plenum • Polypropylene Insulation • PVC Jacket (Available in Black, Gray or Natural)

300V 75°C	5300UG	NEC: CM	2	Black, Red	C-500	C-152.4	7.5	3.4	.006	.15	.015	.38	.148	3.76
		CEC: CM FT1			U-500	U-152.4	8.5	3.9						
					U-1000	U-304.8	16.0	7.3						


Jacket sequentially marked at 2 ft. intervals.

Shielded Audio Cable

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/Ft.	* pF/m	** pF/Ft.	** pF/m

AES/EBU Digital Audio • 24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Overall Beldfoil® Shield (100% Coverage) • 24 AWG Drain Wire

Datalene® Insulation • Gray or Purple PVC Jacket

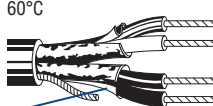
60°C	1800B	NEC: CMG	1	Black, Red	500 *	152.4	8.0	3.6	23.7Ω/M'	18.9Ω/M'	.177	4.50	110	76%	12	39	26	85
		CEC: CMG FT4			U-1000	U-304.8	17.0	7.7	77.7Ω/km	62.0Ω/km								
					1000	304.8	16.0	7.3										
					5000 *	1524.0	90.0	40.9										

*500 ft. put-up available in Gray only. 5000 ft. put-up available in Purple only.
The jacket and shield are bonded so both can be removed with automatic stripping equipment.

For cross-connect use with 1803F (et al.)
Digital Audio Snake Cables, see page 19.28
For Plenum version of 1800B, see 1801B.

Audio and Control Interconnect • 22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • 24 AWG Stranded TC Drain Wire

Polypropylene Insulation • Chrome PVC Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

60°C	8723	NEC: CM	2	Red/Black, Green/White	100	30.5	2.3	1.0	14.7Ω/M'	15.0Ω/M'	.160	4.06	45	66%	35	115	62	203
		CEC: CM			U-500	U-152.4	10.5	4.8	48.5Ω/km	49.2Ω/km								
					500	152.4	10.0	4.5										
					U-1000	U-304.8	20.0	9.1										
					1000	304.8	20.0	9.1										
					1640	499.9	32.8	14.9										
					U-2000	U-609.6	38.0	17.2										
					2000	609.6	40.0	18.2										
					3280	999.7	65.6	29.8										
					5000	1524.0	95.0	43.2										
					10000	3048.0	200.0	90.9										

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

For additional selection of Belden® Audio Cables, refer to the Broadcast Cables section of this catalog.

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

Datalene insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

BELDEN

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

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