

Composite Data, Audio, Video, Security and Control Cable

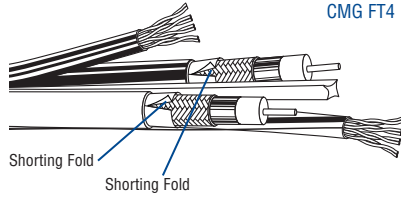
Banana Peel® Jacketless Cables

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)

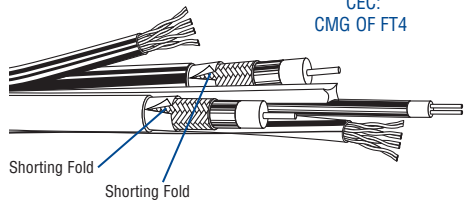
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket													
7876S	NEC:	500	152.4	63.0	28.6	.550	13.97	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) Bare Copper Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.204	5.18
	CEC:	1000	304.8	119.0	54.0								
	CMG FT4							(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	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:	500	152.4	71.5	32.4	.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
	CEC:	1000	304.8	137.0	62.1								
	CMG OF FT4							(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	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
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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

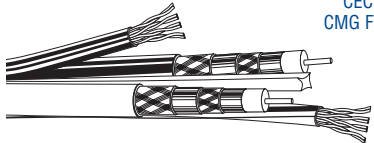
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • PVC Jackets • No Overall Jacket													
7956S <small>new</small>	NEC:	500	152.4	59.0	26.8	.596	15.14	(2) 4-Pair UTP	None	Polyolefin	PVC	.194	4.93
	CMR	1000	304.8	112.0	50.8			Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)		(see chart below)	(1) Blue (1) Green		
	CEC:							(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
	CMG FT4												



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

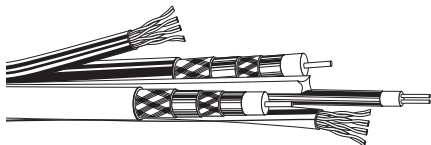
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket													
7913S	NEC:	500	152.4	68.5	31.1	.600	15.24	(2) 4-Pair UTP	None	Polyolefin	F-R PVC	.194	4.93
	CMR	1000	304.8	130.0	59.0			Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)		(see chart below)	(1) Blue (1) Green		
	CEC:							(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
	CMG FT4												



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
	CMR OF	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		
	CEC:							(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
	CMG OF FT4							(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.
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Coax sweep tested to 3.0 GHz and jacket sequentially marked.

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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

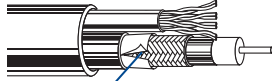
Category 5e Bonded-Pairs

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 Data Cable: Cat 5e Bonded-Pairs 24 AW (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CMR:	1000	304.8	91.0	41.3	x	x						
	CEC:					.535	13.59	(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' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black	.275	6.99



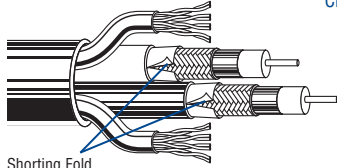
Shorting Fold

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 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
	CMR:	1000	304.8	148.0	67.2								
	CEC:							(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



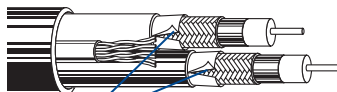
Shorting Fold

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 Data Cable: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CMR:	1000	304.8	128.0	58.2								
	CEC:							(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



Shorting Fold

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Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

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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

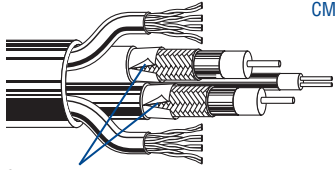
Jacketed Cables

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®

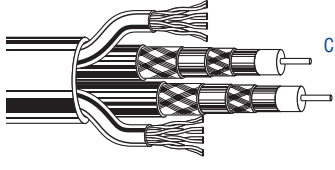
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

 <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'	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

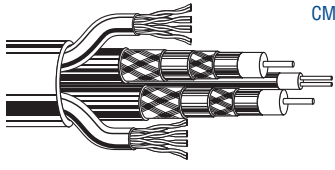
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

	7913A	NEC: CMR OF 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'	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'	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.

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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

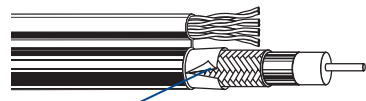
Siamese Cables

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

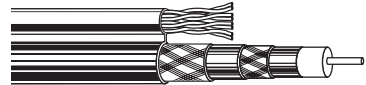
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket

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)
 <p>Shorting Fold</p>											
									(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'	Gas-injected Foam Polyethylene

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 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'	Gas-injected Foam Polyethylene

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 • (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'	Gas-injected Foam High-density Polyethylene

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

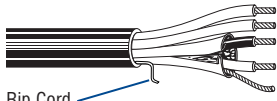
Category 5e Bonded-Pairs and Category 5

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	



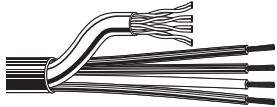
Rip Cord

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	



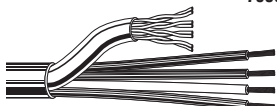
Jacket sequentially marked.

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	



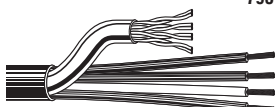
Jacket sequentially marked.

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	



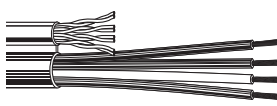
Jacket sequentially marked.

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	.289 7.34	(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	.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



Data and Voice Cable

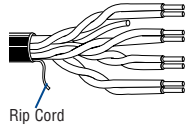
Category 6 UTP Cables

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)

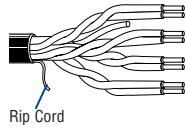
75°C	7881A	NEC: CMR CEC: CMR FT4	4	1000	304.8	30.0	13.6	.235	5.97	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0
				A-1000	A-304.8	33.0	15.0						10	6.0	57.3	51.3	44.8	100±15	25.0
													20	8.5	52.8	44.3	38.7	100±15	25.0
													31.25	10.7	49.9	39.2	34.9	100±15	23.6
													62.5	15.4	45.4	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



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



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

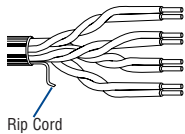
Enhanced Category 5e UTP Cables

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: 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	.204 5.18	9.0	3.0	66.0	1 4 8 10 16 25 31.25 62.5 100 155 200 250 350	2.0 4.0 5.7 6.4 8.1 10.3 11.6 16.8 21.7 27.7 32.0 36.4 44.3	65.3 56.3 51.8 50.3 47.3 44.3 42.9 38.4 35.3 32.5 30.8 29.3 27.2	63.3 52.3 46.1 43.9 39.1 34.1 31.3 21.6 17.1 4.7 3.0 — —	60.8 48.7 42.7 40.8 36.7 32.8 30.9 24.8 20.8 16.9 14.7 12.8 9.9	100±12 100±12 100±12 100±12 100±12 100±15 100±15 100±15 100±15 100±18 100±20 100±20 100±22	20.0 23.0 24.5 25.0 25.0 24.3 23.6 21.5 20.1 19.0 19.0 18.0 17.0
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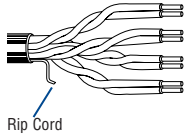


Tested to 350 MHz.

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 • Flam arrest Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)

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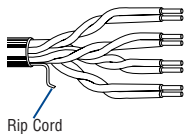
Tested to 350 MHz.

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



Data and Voice Cable

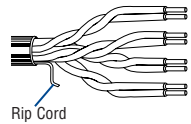
Category 5e UTP Cables

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)

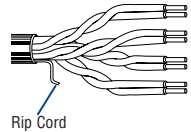
80°C	1583R	NEC: CMR CEC: CMR FT4	4	U-1000 1000	U-304.8 304.8	23.0 22.0	10.5 10.0	.195	4.95	9.38	3.0	330	1 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.0 49.0 41.0 36.0 28.0 19.0 11.0 1.0	60.8 48.7 40.8 36.7 30.9 24.8 20.8 14.7	100±15 100±15 100±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-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	U-304.8 304.8	23.0 24.0	10.5 10.9	.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



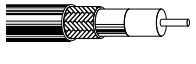


Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown



Video/RF Cable

Broadband CATV and DBS Coaxial Cables

Series 6 (RG-6/U Type)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation																				
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m																		
Series 6 • 18 AWG Solid .040" Bare Copper Conductor • Duobond® + Aluminum Braid(s) Shield																																					
Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)																																					
80°C	7915A	NEC:	U-500	U-152.4	16.5	7.5	18 AWG	.180	4.57	Duobond Plus [®] +	.275	6.99	75	83%	16.2	53.2	5	.5	1.6																		
		CATV CM	500	152.4	18.0	8.2	(solid)			77% & 80%								55	1.4	4.6																	
		CEC:	U-1000	U-304.8	31.0	14.1	.040"			Aluminum Braid							211	2.6	8.5																		
		CM	1000	304.8	31.0	14.1	BC			15.1Ω/km							500	4.1	13.5																		
Sweep tested 5 MHz to 3.0 GHz.																	750	5.1	16.7	862	5.5	18.0	1000	6.0	19.7	1450	7.8	25.6	1800	8.4	27.6	2250	9.8	32.2			
Shielding effectiveness is 125dB @ 1GHz.																																					
80°C	7916A	NEC:	U-500	U-152.4	18.5	8.4	18 AWG	.180	4.57	Duobond IV*	.298	7.57	75	83%	16.2	53.2	5	.5	1.6																		
		CATV CM	500	152.4	19.5	8.9	(solid)			+								55	1.4	4.6																	
		CEC:	U-1000	U-304.8	35.0	15.9	.040"			60% & 40%							211	2.6	8.5																		
		CM	1000	304.8	35.0	15.9	BC			Aluminum Braids							500	4.1	13.5																		
Sweep tested 5 MHz to 3.0 GHz.																	750	5.1	16.7	862	5.5	18.0	1000	6.0	19.7	1450	7.8	25.6	1800	8.4	27.6	2250	9.8	32.2			
Shielding effectiveness is 125dB @ 1GHz.																																					
Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, Gray or White)																																					
80°C	1829AC	NEC:	U-1000 [†]	U-304.8	29.0	13.2	18 AWG	.180	4.57	Duobond II + 60%	.270	6.86	75	83%	16.2	53.2	5	.5	1.6																		
		CATV CM	1000 ^{††}	304.8	30.0	13.6	(solid)			Aluminum Braid								55	1.4	4.6																	
		CEC:					.040"			9.0Ω/M'							211	2.6	8.5																		
		CM					BC			29.5Ω/km							500	4.1	13.5																		
Sweep tested 950 MHz to 2.25 GHz.																	750	5.1	16.7	862	5.5	18.0	1000	6.0	19.7	1450	7.8	25.6	1800	8.6	28.9	2250	9.8	32.2	3000	11.3	39.0
[†] U-1000 ft. put-up not available in White. ^{††} 1000 ft. put-up not available in Gray.																																					
80°C	1841AC	NEC:	500	152.4	33.5	15.2	18 AWG	.180	4.57	Duobond II + 60%	.273	6.93	75	83%	16.2	53.2	5	.5	1.6																		
		CATV CM					(solid)			Aluminum Braid	.595	15.11						55	1.4	4.6																	
		CEC:					.040"			9.0Ω/M'							211	2.6	8.5																		
		CM					BC			29.5Ω/km							500	4.1	13.5																		
Sweep tested 5 MHz to 3 GHz.																	750	5.1	16.7	862	5.5	18.0	1000	6.0	19.7	1450	7.8	25.6	1800	8.4	28.2	2250	10.1	32.2	3000	11.3	39.0
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																																					
80°C	7916AP <small>new</small>	NEC:	U-1000	U-304.8	32.0	14.5	18 AWG	.170	4.32	Duobond IV* + 60% & 40%	.248	6.30	75	83%	16.3	53.5	1	.3	1.0																		
		CATV CMP	1000	304.8	31.0	14.1	(solid)			Aluminum Braids								10	.7	2.2																	
		CEC:					.040"			4.8Ω/M'							50	1.6	5.3																		
		CMP FT6					BC			15.7Ω/km							100	2.2	7.2																		
Sweep tested 5 MHz to 3 GHz.																	200	3.0	9.8	400	4.6	15.1	700	6.6	21.7	900	7.7	25.3	1000	8.2	26.9						

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

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

Video/RF Cable

Broadband CATV Coaxial Cables

Series 6 (RG-6/U Type)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, White or White Neutral)

80°C	9116	NEC: CATV CM CEC: CM	U-1000 [▲] 1000	U-304.8 304.8	30.0 31.0	13.6 14.1	18 AWG (solid) .040"	.180	4.57	Duobond II* + 60% Aluminum Braid	.270	6.86	75	83%	16.2	53.2	See Chart on page 6.92		
							28.0Ω/M' 91.9Ω/km			9.0Ω/M' 29.5Ω/km									

▲U-1000 ft. put-up also available in Beige.

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, White, Gray or Neutral)

80°C	1829A	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid	.270	6.86	75	83%	16.2	53.2	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.8 8.6 9.8 11.3	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.6 28.2 32.2 37.1
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80°C	1829R <small>new</small>	NEC: CATVR, CMR CEC: CMG FT4	U-1000* 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid	.270	6.86	75	83%	16.2	53.2	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.8 8.6 9.8 11.3	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.6 28.2 32.2 37.1
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Sweep tested 950 MHz to 2.25 GHz.

*U-1000 ft. put-up not available in Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	1829P <small>new</small>	NEC: CATVP, CMP CEC: CMP FT6	U-1000 1000	U-304.8 304.8	27.0 27.0	12.3 12.3	18 AWG (solid) .040"	.170	4.32	Duobond II + 60% Aluminum Braid	.235	5.97	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000 1450 1800 2250 3000	.3 .7 1.5 2.1 3.0 4.4 6.1 7.2 7.6 9.6 11.0 12.7 15.1	1.0 2.2 4.9 6.9 9.8 14.4 20.0 23.6 24.9 31.5 36.1 41.7 49.5
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Sweep tested 5 MHz to 3.0 GHz.

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® IV* Quad Shield (60% and 40% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)

80°C	1189A	NEC: CATV CM CEC: CM	U-500 1000	U-152.4 304.8	18.0 35.0	8.2 15.9	18 AWG (solid) .040"	.180	4.57	Duobond IV 60% & 40% Aluminum Braids	.298	7.57	75	83%	16.2	53.2	See Chart on page 6.88		
							28.0Ω/M' 91.9Ω/km			4.8Ω/M' 15.7Ω/km									

Sweep tested 5 MHz to 1 GHz.

▼1000 ft. put-up also available in Beige or Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest Jacket

75°C	1189AP	NEC: CATVP CMP CEC: CMP FT6	1000 [†] 1000	304.8 304.8	32.0 32.0	14.5 14.5	18 AWG (solid) .040"	.170	4.32	Duobond IV 60% & 40% Aluminum Braids	.248	6.30	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
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Sweep tested 5 MHz to 1 GHz.

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

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

* Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (60% coverage).

For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

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

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.



Video Cable

Precision Video Cables for Analog and Digital Applications

RG-6/U and RG-59/U Types

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m

RG-6/U Type • 18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV Digital Video 75°C	1694A	NEC:	500 [▲]	152.4	20.5	9.3	18 AWG (solid) .040"	.180	4.57	Duofoil + 95% TC Braid 2.8Ω/M' 9.2Ω/km	.274	6.96	75	82%	16.2	53.2	1	.2	.8
CMR		1000	304.8	45.0	20.5	3.6											.5	1.5	
		CEC:	4500	1371.6	202.5	91.9	BC												
		CMG FT4					6.4Ω/M' 21.0Ω/km												
For Plenum version of 1694A, see 1695A.																			
Also available in bundled versions. See 7710A through 7713A.																			
100% Sweep tested. 5 MHz to 3 GHz.																			
1000 5.9 19.3																			
1500 7.3 24.0																			
2250 9.1 30.0																			
3000 10.7 35.0																			
4500 13.3 43.6																			

*500 ft. put-up available in Black only.
*Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.
Black jacket suitable for Outdoor and Aerial applications.

Plenum • Foam FEP Teflon® Insulation • Flamarest® Jacket (Available in 10 colors)**																			
SDI/HDTV Digital Video 75°C	1695A	NEC:	500 [▲]	152.4	20.5	9.3	18 AWG (solid) .040"	.170	4.32	Duofoil + 95% TC Braid 2.8Ω/M' 9.2Ω/km	.234	5.94	75	82%	16.2	53.2	1	.2	.8
CMR		1000 [†]	304.8	45.0	20.5	3.6											.5	1.5	
		CEC:					BC												
		CMG FT6					6.4Ω/M' 21.0Ω/km												
100% Sweep tested. 5 MHz to 3 GHz.																			
1000 7.3 24.0																			
1500 9.2 30.2																			
2250 11.6 38.0																			
3000 13.7 44.9																			

*500 ft. put-up available in Black or Natural only.
**Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or Natural.
Black jacket suitable for Outdoor and Aerial applications.

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																			
SDI/HDTV Digital Video 75°C (1694A Bundled)	7713A	NEC:	500	152.4	463.0	210.0	18 AWG (solid) .040"	.180	4.57	Duofoil + 95% TC Braid 3.0Ω/M' 9.8Ω/km	1.386	35.20	75	82%	16.2	53.2	1	.2	.8
			CMR	1000	304.8	904.0											410.4	Coax OD: .275	6.99
		CEC:					BC												
		CMG FT4					6.4Ω/M' 21.0Ω/km												
7713A has ten conductors. For other bundled versions of 1694A see 7710A through 7712A.																			
100% Sweep tested. 5 MHz to 3 GHz.																			
1000 5.9 19.3																			
1500 7.3 24.0																			
2500 9.1 31.8																			
3000 10.7 35.0																			

RG-59/U Type • 20 AWG Solid .032" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV Digital Video 75°C	1505A	NEC:	500 [▼]	152.4	15.5	7.0	20 AWG (solid) .032"	.145	3.68	Duofoil + 95% TC Braid 3.8Ω/M' 12.5Ω/km	.233	5.92	75	83%	16.3	53.5	1	.3	1.0
CMR		1000 [•]	304.8	35.0	15.9	3.6											.6	1.8	
		CEC:	5000 [•]	1524.0	165.0	74.9	BC												
		CMG FT4					10.0Ω/M' 32.8Ω/km												
For Plenum version of 1505A, see 1506A.																			
Also available in bundled versions. See 7794A through 7798A.																			
100% Sweep tested. 5 MHz to 3 GHz.																			
1000 7.6 24.9																			
1500 9.3 30.5																			
2250 11.6 38.0																			
3000 13.4 44.0																			
4500 16.4 53.8																			

▼500 ft. put-up available in Black, Red or Blue only.
•1000 ft. and 5000 ft. put-ups available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1.
Request quotations of RG/U cables not listed. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

†Spools are one piece, but length may vary ±10% from length shown.

Teflon is a DuPont trademark.


Color Code Chart

Cond.	Color	Cond.	Color
1	Red	6	Brown
2	Green	7	Orange
3	Blue	8	Gray
4	White	9	Purple
5	Yellow	10	Black



Video Cable

Precision Video Cables for Analog and Digital Applications
Subminiature and Standard Analog RG-59/U Types

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation				
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m		
Subminiature RG-59/U Type • 23 AWG Solid .023" Bare Copper Conductor • Duofoil® (100% Coverage) + TC Braid Shield (95% Coverage)																					
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																					
SDI/HDTV	1855A	NEC:	500 [▲]	152.4	9.0	4.1	23 AWG	.102	2.59	Duofoil	.159	4.03	75	82%	16.3	53.5	1	.4	1.3		
Digital Video		CMR	1000	304.8	16.0	7.3	(solid)			+ 95%								3.6	.8	2.6	
75°C		CEC:					.023"			TC Braid									10	1.2	3.9
		CMG FT4					BC			7.6Ω/M'									71.5	3.1	10.0
							20.1Ω/M'			24.9Ω/km									135	3.8	12.5
							65.9Ω/km												270	5.4	17.7
																			360	6.2	20.3
																			540	7.7	25.3
																			720	9.5	31.1
																			750	9.6	31.5
																		1000	10.5	34.4	
																		1500	13.0	42.6	
																		2250	16.0	52.5	
																		3000	18.5	60.7	
																		4500	22.8	74.8	

*500 ft. put-up available in Black only.

Standard Analog • RG-59/U Type • 23 AWG Solid .023" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black PVC Jacket																					
Description	Part No.	UL AWM	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Coverage	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation				
			U-1000	U-304.8	36.0	16.3		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m		
Style 1354	8241B	NEC:	U-1000	U-304.8	36.0	16.3	23 AWG	.146	3.71	BC Braid	.242	6.15	75	66%	20.5	67.3	1	.4	1.3		
(30V 80°C)		CM	1000	304.8	37.0	16.8	(solid)			95% Shield								10	1.1	3.6	
		CEC:					.023"			Coverage									50	2.4	7.9
		CM					BC			2.9Ω/M'									100	3.4	11.2
							20.4Ω/M'			9.5Ω/km									200	4.9	16.1
							66.9Ω/km												400	7.0	23.0
																		700	9.7	31.8	
																		900	11.1	36.4	
																		1000	12.0	39.4	

Suitable for Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

*Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black.


Video Cable

Bundled RGB Precision Video Cable and Miniature Hi-Res Component Video Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter	Nominal Core OD		Shielding Materials	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
				Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.

25 AWG Solid .018" Tinned Copper Conductors • Duobond® + Tinned Copper Interlocked Serve Shield (95% Coverage)


FPFA Insulation • Inner PVC Jacket (Color Code: Red, Green, Blue, White, Yellow) • Overall Black PVC Jacket

	300V RMS 60°C	1277R <small>new</small>	NEC: CMR CEC: CMG	3	500 [†] 1000 [†]	152.4 304.8	25.5 48.0	11.6 21.8	25 AWG (solid) .018"	.074 .114	1.88 2.90	Duobond + 95% TC Braid	.320 8.13	75	80%	17.0 55.8	1 5 50 100 200 400 750 900 1000 3000	.5 1.2 3.7 4.9 6.7 9.5 13.4 15.0 15.8 31.2	1.7 3.8 12.1 16.1 22.0 31.2 44.0 49.2 51.8 102.4	
									34.0Ω/M' 111.6Ω/km			5.4Ω/M' 17.7Ω/km								
		1278R <small>new</small>	NEC: CMR CEC: CMG	4	500 [†] 1000 [†]	152.4 304.8	31.5 60.0	14.3 27.2	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.351 8.92							
		1279R <small>new</small>	NEC: CMR CEC: CMG	5	250 [†] 500 [†] 1000 [†]	76.2 152.4 304.8	21.8 40.5 80.0	9.9 18.4 36.3	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.403 10.24							
		1280R <small>new</small>	NEC: CMR CEC: CMG	6	500 [†] 1000 [†]	152.4 304.8	44.0 87.0	20.0 39.5	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.423 10.74							

100% Sweep tested. 5 MHz to 850 MHz.

Miniature • 25 AWG Solid .018" Tinned Copper Conductors • Duobond® (100% Coverage) + TC Braid Shield (95% Coverage)

Plenum • FPFA Insulation • Black Flamarrest® Jacket

	1282P <small>new</small>	NEC: CMP CEC: CMP FT6	1	1000	304.8	10.0	4.5	25 AWG (solid) .018" TC	.074	1.88	Duobond (100%) + TC Braid	.114 2.90	75	81%	17.0 55.2	1 5 50 100 200 400 700 900 1000 3000	.4 .9 3.7 5.0 7.0 10.0 14.5 17.0 17.5 37.0	1.3 3.0 12.1 16.4 23.0 32.8 47.6 55.8 57.4 121.4
								31.8Ω/M' 104.3Ω/km			5.8Ω/M' 19.0Ω/km							

Sweep Tested 5 MHz to 850 MHz.
Guaranteed Return Loss -20dB Max.

BC = Bare Copper • DCR = DC Resistance • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • TC = Tinned Copper

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

[†]Spools are one piece, but length may vary ±10% from length shown.

Video Cable

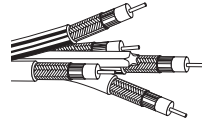
RGB Component Video Cable

Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

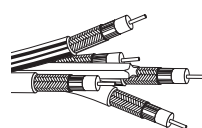
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

Miniature • 25 AWG Solid .018" TC Conductors • Duobond® (100% Coverage) + TC Interlocked Serve Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jackets (Color Code: See chart below) • Center Spine • No Overall Jacket

	1281S3 <small>new</small>	NEC: CMR CEC: CMG	3	500 [†] 1000 [†]	152.4 304.8	17.0 31.0	7.7 14.1	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074	1.88	Duobond (100%) + TC Serve (95%) 5.4Ω/M' 17.7Ω/km	Single: .114 2.90 Overall: .246 6.25	75	80%	17.0	.8	1 5 50 100 200 400 750 900 1000 3000	.5 1.2 3.7 4.9 6.7 9.5 13.4 15.0 15.8 31.2	1.6 3.8 12.1 16.1 22.0 31.2 44.0 49.2 51.8 102.4	
	1281S4 <small>new</small>	NEC: CMR CEC: CMG	4	500 [†] 1000 [†]	152.4 304.8	23.5 44.0	10.7 20.0	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .275 6.99								
	1281S5 <small>new</small>	NEC: CMR CEC: CMG	5*	250 [†] 500 [†] 1000 [†]	76.2 152.4 304.8	16.0 28.5 55.0	7.3 12.9 25.0	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .308 7.82								
	1281S6 <small>new</small>	NEC: CMR CEC: CMG FT4	6*	500 [†] 1000 [†]	152.4 304.8	33.5 68.0	15.2 30.8	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .342 8.69								
	100% Sweep tested. 5 MHz to 850 MHz. Guaranteed Return Loss -20db max. U.S. Patent 7,049,523.																			

Plenum • FPFA • Flamarrest® Jackets (Color Code: See chart below) • Center Spine • No Overall Jacket

	1282S3 <small>new</small>	NEC: CMP CEC: CMP	3	500 1000	152.4 304.8	18.5 34.0	8.4 15.4	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.075	1.91	Duobond (100%) + TC Serve (95%) 5.4Ω/M' 17.7Ω/km	Single: .114 2.90 Overall: .246 6.25	75	81%	16.8	55.2	1 5 50 100 200 400 750 1000 2250 3000	.5 1.2 3.8 5.2 7.1 10.0 14.3 16.9 25.5 33.9	1.6 3.9 12.1 17.1 23.1 32.9 47.0 55.4 83.6 111.3
	1282S4 <small>new</small>	NEC: CMP CEC: CMP	4	500 1000	152.4 304.8	25.5 49.0	11.6 22.2	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .275 6.99							
	1282S5 <small>new</small>	NEC: CMP CEC: CMP	5*	250 500 1000	76.2 152.4 304.8	18.0 33.0 67.0	8.2 15.0 30.4	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .308 7.82							
	1282S6 <small>new</small>	NEC: CMP CEC: CMP	6*	500 1000	152.4 304.8	39.5 80.0	17.9 36.3	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .342 8.69							
	100% Sweep tested. 5 MHz to 850 MHz. Guaranteed Return Loss -20db max. U.S. Patent 7,049,523.																		

DCR = DC Resistance • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • TC = Tinned Copper

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

[†]Spools are one piece, but length may vary ±10% from length shown.

*Also available with all Black jackets.

Color Code Chart:

Cond.	Color	Cond.	Color
1	Red	4	Yellow
2	Green	5	Black
3	Blue	6	White

Video Cable

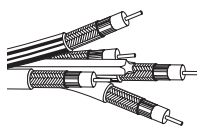
RGB Coaxial Cable

Banana Peel® Unjacketed VideoFLEX® Bundles, RG-59/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

RG-59/U • 20 AWG Solid .032" Bare Copper Conductors • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Plenum • Foam FEP Insulation • Plenum-Grade PVC Jackets (Color Code: See chart below) • **Center Spine • No Overall Jacket**

	300V RMS	1283S3 <small>new</small>	NEC: 3 CMP CEC: 1000 CMP	250 500 1000	76.2 152.4 304.8	26.3 54.0 103.0	11.9 24.5 46.7	20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km	.133	3.38	Duofoil (95%) + TC Braid 3.8Ω/M' 12.5Ω/km	.422	10.72	75	83%	16.2	53.2	1	.3	1.0
																		3.6	.6	2.0
																		10	.9	2.9
																		71.5	2.1	6.9
																		135	2.7	8.9
																		270	3.8	12.5
																		360	4.4	14.4
																		540	5.5	18.0
																		720	6.4	21.0
																		750	6.5	21.3
																	1000	7.6	24.9	
																	1500	9.4	30.8	
																	2500	12.4	40.7	
																	3000	13.8	45.3	

Sweep tested. 5 MHz to 3 GHz.

U.S. Patent 7,049,523.

Suitable for Indoor and Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

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

Color Code Chart:

Cond.	Color	Cond.	Color
1	Red	4	Yellow
2	Green	5	Black
3	Blue	6	White



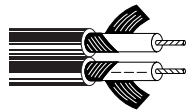
Video Cable

High-Flex S-Video Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter	Nominal Core OD		Shielding Materials	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

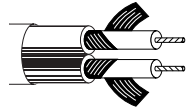
High-Flex S-Video • 30 AWG Stranded (7x38) Tinned Copper Conductors • Tinned Copper Serve Shield (90% Coverage)

Foam HDPE Insulation • Matte Black PVC Jacket (One Coax Printed and Striped for Identification)																							
Parallel Zip Construction	1807A		2	U-500	U-152.4	8.0	3.6	30 AWG (7x38)	.056	1.42	TC Serve	.110	2.79	75	78%	17.3	56.7	1	.6	2.0			
				500	152.4	7.5	3.4	(7x38)			90% Shield	x	x							5	1.4	4.6	
				U-1000	U-304.8	15.0	6.8	.012"			Coverage	.230	5.84								10	2.1	6.9
				1000	304.8	14.0	6.4	TC			7.5Ω/M'										30	3.8	12.5
											100.0Ω/M'			24.6Ω/km								50	5.1
							328.0Ω/km												100	7.6	24.9		
																			200	11.3	37.1		
																			400	16.9	55.4		
																			700	23.3	76.4		
																			900	26.9	88.2		
																			1000	28.6	93.8		



For Plenum version of 1807A, see 7700A.

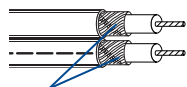
Foam HDPE Insulation • Matte Black PVC Jacket (Inner PVC Jackets Color Code: Black and Yellow)																								
Round Construction	1808A		2	U-500	U-152.4	14.5	6.6	30 AWG (7x38)	.058	1.47	TC Serve	.255	.84	75	78%	17.3	56.7	1	.6	2.0				
				500	152.4	16.5	7.5	(7x38)			90% Shield										5	1.4	4.6	
				U-1000	U-304.8	31.0	14.1	.013"			Coverage	.100	2.54									10	2.1	6.9
				1000	304.8	33.0	15.0	TC			7.5Ω/M'											30	3.8	12.5
											100.0Ω/M'			24.6Ω/km									50	5.1
							328.0Ω/km												100	7.6	24.9			
																			200	11.3	37.1			
																			400	16.9	55.4			
																			700	23.3	76.4			
																			900	26.9	88.2			
																			1000	28.6	93.8			



Available in Plenum versions by special order only.

High-Flex S-Video • 30 AWG Stranded (7x38) .012" Tinned Copper Conductors • Tinned Copper "French Braid" Shield (98% Coverage)

Plenum • Foam FEP Teflon® Insulation • Matte Black Flamarrest® Jacket (One Coax Printed and Striped for Identification)																									
Parallel Zip Construction	7700A	NEC: CMP CEC: CMP FT6	2	500	152.4	8.5	3.9	30 AWG (7x38)	.053	1.35	TC	.107	2.72	75	78%	17.3	56.7	1	.5	2.3					
				1000	304.8	17.0	7.7	(7x38)			"French Braid"	x	x								5	1.7	5.6		
								.012"			Coverage	.214	5.44									10	2.3	7.5	
								TC			98% Shield												30	4.1	13.4
											100.0Ω/M'			24.6Ω/km									50	5.3	17.4
							328.0Ω/km												100	7.6	24.9				
																			200	11.8	38.7				
																			400	17.6	57.7				
																			700	24.2	79.4				
																			900	28.0	91.8				
																			1000	29.8	97.7				



French Braid

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

Teflon is a DuPont trademark.



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


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 <small>new</small>	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 <small>new</small>	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)

	1309A <small>new</small>	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.

	1310A <small>new</small>	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)

	1311A <small>new</small>	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.

	1312A <small>new</small>	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)

	1313A <small>new</small>	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 U-500 500 U-1000 1000	C-152.4 U-152.4 152.4 U-304.8 304.8	11.5 5.2 13.0 12.5 25.0 11.4	5.2 5.9 5.7 11.4 25.0	.010	.25	.015	.38	.184	4.67
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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-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	23.5 10.7 23.0 10.4 45.0 20.4 47.0	10.7 10.4 20.4 21.3	.010	.25	.015	.38	.216	5.49
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Jacket sequentially marked at 2 ft. intervals.

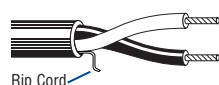
Plenum • Flamarrest® Insulation • Natural Flamarrest Jacket

 <p>Rip Cord</p>	300V 75°C	6200UE	NEC: CMP CEC: CMP FT6	2	Black, Red	500 U-1000 1000	152.4 U-304.8 304.8	13.0 5.9 25.0 11.4 26.0	5.9 11.4 11.8	.009	.23	.015	.38	.180	4.57
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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 [†] U-1000 [†] 1000	152.4 U-304.8 304.8	20.0 9.1 38.0 17.2 40.0	9.1 17.2 18.2	.014	.36	.015	.38	.234	5.94
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[†]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 U-1000 1000 5000	152.4 U-304.8 304.8 1524.0	19.5 8.9 38.0 17.2 38.0 17.2 88.5	8.9 17.2 17.2	.011	.28	.015	.38	.222	5.64
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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 [†] 1000	152.4 304.8	29.0 13.2 57.0	13.2 25.9	.014	.36	.015	.38	.268	6.81
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[†]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.

21 • Residential Cables




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	500	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.

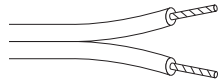
Speaker Cable

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

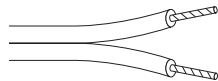
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

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

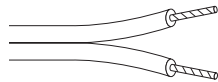
Parallel Zip Construction 300V 60°C	9716		2	U-1000 1000	U-304.8 304.8	27.0 26.0	12.3 11.8	.027	.69	.115 x .230	2.92 x 5.84
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**14 AWG** Stranded (19x27) ETP High-conductivity Copper Conductors • Parallel: (1) Tinned, (1) Bare**PVC Insulation • Clear 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:	2	Black, Red	C-500	C-152.4	3.5	1.6	.006	.15	.015	.38	.114	2.90
			CM			U-500	U-152.4	5.0	2.3						
			CEC:			C-1000	C-304.8	7.0	3.2						
			CM FT1			U-1000	U-304.8	9.0	4.1						


Jacket sequentially marked at 2 ft. intervals.

	300V 75°C	5502UG	NEC:	4	Black, Red, White, Green	C-500	C-152.4	6.5	3.0	.006	.15	.015	.38	.131	3.33
			CM			U-500 *	U-152.4	7.5	3.4						
			CEC:			C-1000	C-304.8	13.0	5.9						
			CM FT1			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:	2	Black, Red	C-500	C-152.4	7.5	3.4	.006	.15	.015	.38	.148	3.76
			CM			U-500	U-152.4	8.5	3.9						
			CEC:			U-1000	U-304.8	16.0	7.3						
			CM FT1												

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:	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		
			CMG			U-1000	U-304.8	17.0	7.7	77.7Ω/km	62.0Ω/km										
			CEC:			1000	304.8	16.0	7.3												
			CMG FT4			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:	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		
			CM			U-500	U-152.4	10.5	4.8	48.5Ω/km	49.2Ω/km										
			CEC:			500	152.4	10.0	4.5												
			CM			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																	

Pairs Individually Shielded with Beldfoil® (100% Coverage)
For Plenum versions of 8723, see 88723, 87723 or 82723.

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.



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


Surveillance Coax

Coaxial and Composite Cables for Surveillance and CCTV Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Nominal DCR		Nominal Core OD		Nominal OD		Nom. Imp. (Ω)
			Ft.	m	Lbs.	kg	Conductor	Shielding	Inch	mm	Inch	mm	

Coaxial • RG-59/U Type • 20 AWG Solid Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)


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

75°C	543945	NEC:	U-500	U-152.4	13.0	6.0	10.0Ω/M'	3.5Ω/M'	.145	3.68	.232	5.89	75
		CM	500	152.4	16.0	7.3	32.8Ω/km	11.5Ω/km					
		CEC:	U-1000	U-304.8	32.0	14.5							
		CM FT1	1000	304.8	34.0	15.4							

Jacket sequentially marked at 2 ft. intervals.

Composite • RG-59/U Type, 20 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor


Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • PVC Jacket (Available in Black or White)

Siamese Configuration	549945	NEC:	500	152.4	30.0	13.6	Coax:	3.5Ω/M'	Coax OD:	.232	5.89	75
75°C		CM	1000	304.8	60.0	27.3	10.0Ω/M'	11.5Ω/km	.145	3.68	x	x
		CEC:						32.8Ω/km		Pair OD:	.460	11.68
		CM FT1						Each Pair:	.046	1.17		

Jacket sequentially marked at 2 ft. intervals.

Composite • RG-6/U Type, 18 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor

Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • Black PVC Jacket

Siamese Configuration	539945	NEC:	500	152.4	34.0	15.5	Coax:	3.5Ω/M'	Coax OD:	.266	6.76	75
75°C		CM	1000	304.8	69.0	31.3	10.0Ω/M'	11.5Ω/km	.180	4.57	x	x
		CEC:						32.8Ω/km		Pair OD:	.500	12.70
		CM FT1						Each Pair:	.066	1.68		

Jacket sequentially marked at 2 ft. intervals.

BC = Bare Copper • DCR = DC Resistance • UTP = Unshielded Twisted Pair

For additional selection of Belden® Security and CCTV Cables, refer to the New Generation® and Coaxial Cables sections of this catalog.