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## Introduction

### Innovative Home Cabling Solutions From the World's Most Trusted Name in Cable

Because we understand that each home installation has its own set of needs and expectations, Belden offers its structured cabling line of individual, dual component and composite cables — in all, over 50 different cables for your home automation, networking, security and entertainment system installations.

#### Belden Quality and Reliability

Belden manufactures all of the cables in its residential cable line so you can be assured that each cable product is the result of the most rigorous quality process in the industry.

Belden's commitment to quality and reliability is unequalled in its marketplace. And since we have such a wide range of products to meet your varied needs, Belden can easily provide you with one-stop home shopping.

#### High-Performance, Easy-to-Install Cables

Individual or single application cables are available for any data, video, audio or security need, including:

- Category 5e, Category 6 UTP and fiber data cables for multimedia, voice, video and data use
- Series 6 and Series 59 video coax cables for HDTV, DBS, CATV, SVHS, CCTV and cable modem applications
- Speaker cables for your audio distribution needs
- Paired, unshielded cables for security and alarm applications

Belden also offers over 20 different composite cables. Composite cables simplify a multiple use installation by combining Belden data cables, coaxial cables, paired and multi-conductor cables, and fiber optic cables in a single-pull product.

#### Time-tested and Preferred in Other Industries

Many of the Belden® Residential Cables in this catalog have been long-standing leaders in other industries such as:

- **Computer networks** — where Belden offers the most innovative cables and the leading data cable technology worldwide.
- **Broadcast** — where network studios prefer Belden over any other cable for picture-perfect quality and professional audio technicians demand Belden for crystal-clear audio quality.
- **Broadband CATV** — where Belden Duobond Plus® (Tri-shield) Cables have consistently outperformed the more elaborate quad-shielded cables.
- **Alarm/Security** — where Belden has been a favorite among installers for many years.

Now, these industry-leading and time-tested cables are available, along with many new innovations, for wiring the home of the 21st Century...only from Belden.

#### Better Designs, Better Performance

Some unique high performance technologies are used in the manufacture of these various cables, including:

##### Belden's Patented Data Cable Technology: Bonded-Pairs

To ensure top performance, Belden uses a unique manufacturing process that affixes the individual insulated conductors of the pairs along their longitudinal axis. This cable construction feature prevents gaps from occurring between the conductor pairs: a critical factor in the electrical performance of the cable.

##### Only Belden Bonded-Pair Data Cables Offer the Assurance of Installable Performance™

Due to the patented Bonded-Pair design, these cables are able to withstand the rigors of a typical installation without any degradation in performance. This means that the Cat 5e cable that you purchase from Belden to meet Cat 5e specifications will not only meet these specifications before installation, but more importantly, it will meet them after installation.

#### Coax Cables with Belden's Exclusive Duobond Plus® Shielding

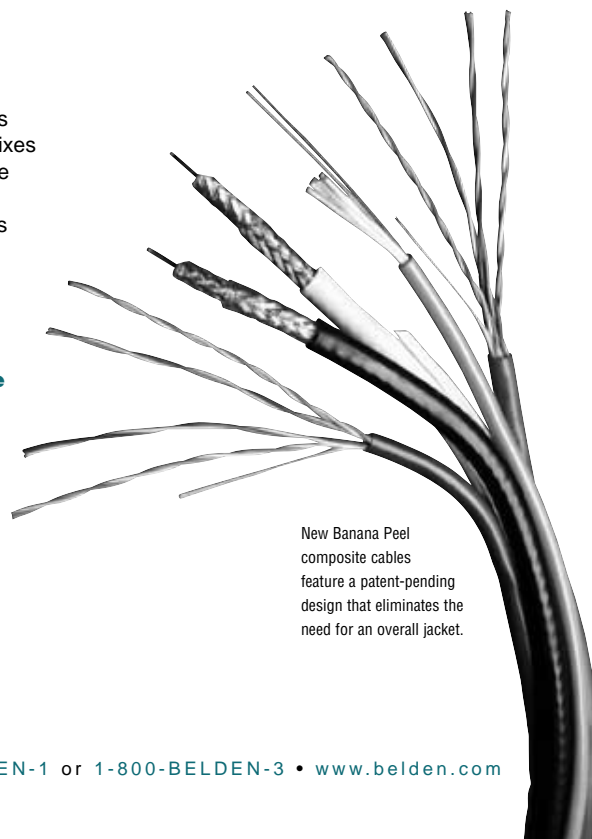
Duobond Plus consists of a Duofoil® II (foil tape) surrounded by an 80 percent braid and an outer layer of foil with a unique shorting fold. This unique construction provides optimum shielding effectiveness.

#### Composite Cables — Without a Jacket!

Belden Banana Peel™ composite cables feature a patent-pending design that eliminates the need for an overall jacket, making these cables easy to handle, easy to identify, easy to pull and easy to terminate. Just peel the cables off the center spline, and you're in business.

#### Everything You Need For The Intelligent Home

These structured cabling products for the Intelligent Home are all brought to you by Belden — the most innovative and trusted manufacturer in the cable industry. Belden offers the most comprehensive, time-tested and proven products for cabling the home.



New Banana Peel composite cables feature a patent-pending design that eliminates the need for an overall jacket.



# Composite Data, Audio, Video, Security and Control Cable

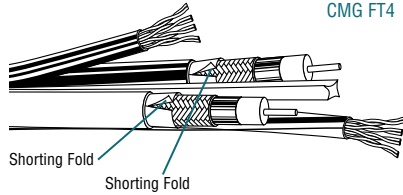
Banana Peel™ Jacketless Cables

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)**

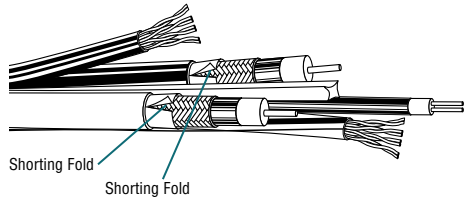
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
	<b>7876S</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	66.0 128.0	29.9 58.1	.550	13.97	(2) 4-Pair UTP Data Cables: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	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.	Duobond Plus (Bonded Tri-Shield): Duobond® + 80% AL Braid + AL Foil w/ Shorting Fold	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99



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

**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														
	<b>7878S</b> <small>new</small>	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	71.0 142.0	32.2 64.4	.595	15.11	(2) 4-Pair UTP Data Cables: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	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.	Duobond Plus (Bonded Tri-Shield): Duobond + 80% 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	—	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45



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

AL = Aluminum • 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

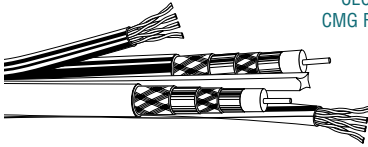
Banana Peel™ Jacketless Cables

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

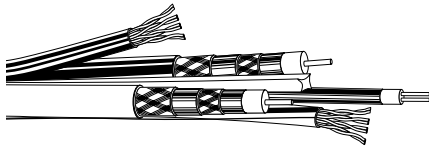
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket													
<b>7913S</b> <small>new</small>	NEC:	500	152.4	67.0	30.4	.600	15.24	(2) 4-Pair UTP Data Cables: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
	CEC: CMR OF	1000	304.8	134.0	60.8								
	CEC: CMG FT4							(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	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



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

**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													
<b>7914S</b> <small>new</small>	NEC:	500	152.4	76.0	34.2	.620	15.75	(2) 4-Pair UTP Data Cables: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
	CEC: CMR OF	1000	304.8	151.0	68.5								
	CEC: CMG OF FT4							(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	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	—	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45



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

AL = Aluminum • 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



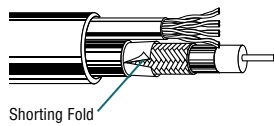
# Composite Data, Audio, Video, Security and Control Cable

## Jacketed Cables

### Category 5e Bonded-Pairs

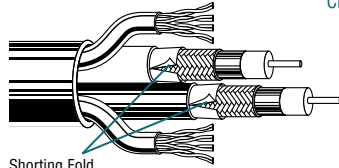
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

**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														
 <p>Shorting Fold</p>	<b>7910A</b> new	NEC:	500	152.4	46.0	20.9	.335	8.51	(1) 4-Pair UTP Data Cable: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
		CEC:	1000	304.8	86.0	39.1	x	x						
		CMG FT4							(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond Plus Bonded Tri-Shield: Duobond® + 80% 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

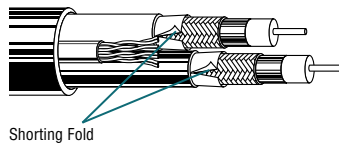
Coax sweep tested to 2.25 GHz and overall jacket sequentially marked.  
Third party verified to TIA/EIA-568-B.2, Category 5e

**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														
 <p>Shorting Fold</p>	<b>7876A</b> new	NEC:	500	152.4	77.0	35.0	.610	15.49	(2) 4-Pair UTP Data Cables: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
		CEC:	1000	304.8	147.0	66.8								
		CMG FT4							(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond Plus Bonded Tri-Shield: Duobond + 80% 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

Coax sweep tested to 2.25 GHz and overall jacket sequentially marked.  
Third party verified to TIA/EIA-568-B.2, Category 5e

**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														
 <p>Shorting Fold</p>	<b>7877A</b> new	NEC:	500	152.4	67.0	30.5	.610	15.49	(1) 4-Pair UTP Data Cable: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
		CEC:	1000	304.8	128.0	58.2								
		CMG FT4							(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond Plus Bonded Tri-Shield: Duobond + 80% 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

Coax sweep tested to 2.25 GHz and overall jacket sequentially marked.  
Third party verified to TIA/EIA-568-B.2, Category 5e

AL = Aluminum • 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

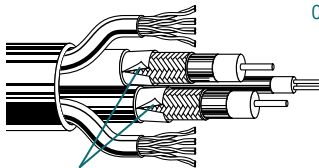
Jacketed Cables

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>	<b>7878A</b> <small>new</small>	NEC: 500 CMR OF 1000 CEC: CMG OF FT4	500	152.4	84.0	34.2	.635	16.13	(2) 4-Pair UTP Data Cables: Bonded-Pairs 24 AWG (solid) BC Cond.	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.	Duobond Plus Bonded Tri-Shield: Duobond® + 80% 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	—	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45							

Coax sweep tested to 2.25 GHz and overall jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5e

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

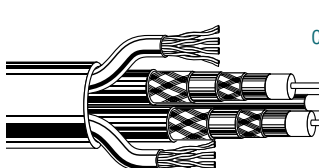
**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Light Green F-R PVC Jacket**

	<b>7913A</b> <small>new</small>	NEC: 500 CMR 1000 CEC: CMG FT4	500	152.4	81.5	37.0	.660	16.76	(2) 4-Pair UTP Data Cables: 24 AWG (solid) Bare Copper Cond.	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.	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							

Coax sweep tested to 2.25 GHz and overall jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5

**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 Light Green F-R PVC Jacket**

	<b>7914A</b> <small>new</small>	NEC: 500 CMR OF 1000 CEC: CMG OF FT4	500	152.4	87.5	39.8	.660	16.76	(2) 4-Pair UTP Data Cables: 24 AWG (solid) BC Cond.	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.	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	—	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45							

Coax sweep tested to 2.25 GHz and overall jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5

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**

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



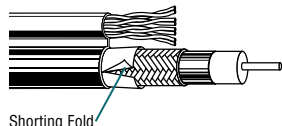
# Composite Data, Audio, Video, Security and Control Cable

Siamese Cables

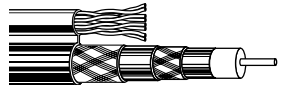
Category 5e Bonded-Pairs and Category 5

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	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) • Overall Green F-R PVC Jacket														
Siamese Construction	<b>7911A</b> <small>new</small>	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: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	—	—	—
									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond Plus Bonded Tri-Shield: Duobond® + 80% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M'	Gas-injected Foam Polyethylene	—	—	—
Coax sweep tested to 2.25 GHz and jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5e														

**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 Light Green F-R PVC Jacket														
Siamese Construction	<b>7912A</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	35.5 61.0	16.1 27.7	.297 x .548	7.54 x 13.92	(1) 4-Pair UTP Data Cables: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	—	—	—
									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M'	Gas-injected Foam Polyethylene	—	—	—
Coax sweep tested to 2.25 GHz and jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5														

AL = Aluminum • 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

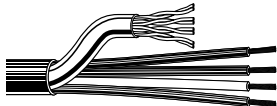
## Keypad Cables

### 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) Cat 5e 4-Bonded-Pair UTP 24 AWG • (4) 16 AWG Bare Copper Conductors** Stranded (19x .012)


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

	<b>7949A</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	54.5 99.0	24.7 44.9	.438	11.13	(1) 4-Pair UTP Data Cable: Bonded-Pairs 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 16 AWG (19x.012) Bare Copper 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 (19x .012)

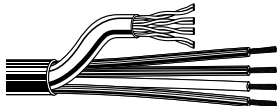
**Polyolefin Insulation (Pairs) • PVC Insulation (Conductors) • Overall Light Green F-R PVC Jacket**

	<b>7950A</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	55.0 99.0	24.9 44.9	.434	11.02	(1) 4-Pair UTP Data Cable: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 16 AWG (19x.012) Bare Copper 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 (19x .010)

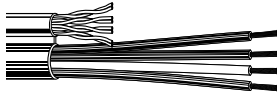
**Polyolefin Insulation (Pairs) • PVC Insulation (Conductors) • Overall Light Green F-R PVC Jacket**

	<b>7951A</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	49.0 88.0	22.2 39.9	.412	10.47	(1) 4-Pair UTP Data Cable: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 18 AWG (19x.010) Bare Copper 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 (19x .015)

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

	<b>7952A</b> <small>new</small>	NEC: CMR CEC: CMG FT4	500	152.4	61.0	27.7	.301	7.65	(1) 4-Pair UTP Data Cable: 24 AWG (solid) Bare Copper Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 14 AWG (19x.015) Bare Copper Cond.	None	PVC Red, White, Green, Black	—	.104	2.64

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

DCR = DC Resistance • 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 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





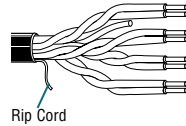
# Data and Voice Cable

## Category 6 UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		Nominal OD		Max. DCR ( $\Omega$ / 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. ( $\Omega$ )	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm										

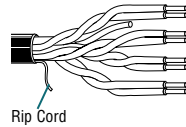
**23 AWG Solid Bare Copper • Twisted Pairs • Central Rod Filler • Rip Cord • See Color Code Chart (below)**

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

 <p>Rip Cord</p>	<b>7881A</b> new NEC: CMR CEC: CMR FT4	4	1000	304.8	32.0	14.5	.009	.23	.235	5.97	9.38	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
			A-1000	A-304.8	34.0	15.4										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 • FEP Insulation • Flamarrest® Jacket** (Available in Red, Orange, Yellow, Green, Blue, Gray, Natural or Black)

 <p>Rip Cord</p>	<b>7882A</b> new NEC: CMP CEC: CMP FT6	4	1000	304.8	33.0	15.0	.008	.20	.224	5.69	9.38	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
			A-1000	A-304.8	35.0	15.9										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 • 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 Networking Cables 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



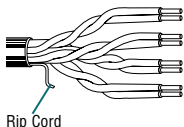
# Data and Voice Cable

## Enhanced Category 5e UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		Nominal OD		Max. DCR ( $\Omega$ / 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. ( $\Omega$ )	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm										

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

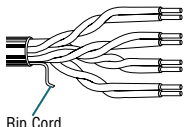
**Non-Plenum • Polyolefin Insulation • PVC Jacket (Red, Orange, White, Black, Yellow, Green, Blue, Purple, Light Gray or Gray)**

 <p>Rip Cord</p>	<b>1700R</b> <small>new</small> NEC: CMR CEC: CMR FT4	4	U-1000 *	U-304.8	22.0	10.0	.009	.23	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0		
			1000 *	304.8	22.0	10.0										4	4.0	56.3	52.3	48.7	100±12	23.0
			3000 *	914.4	63.0	28.6										8	5.7	51.8	46.1	42.7	100±12	24.5
																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			

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  
 \*U-1000 ft. and 1000 ft. put-ups not available in Black or Gray.  
 \*3000 ft. put-up available in Red, Blue, Purple, White or Light Gray only.

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

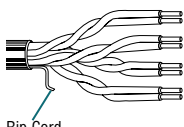
 <p>Rip Cord</p>	<b>1701A</b> NEC: CMP CEC: CMP FT6	4	U-1000	U-304.8	23.0	10.5	.008	.20	.200	5.08	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0		
			1000	304.8	23.0	10.5										4	4.0	56.3	52.3	48.7	100±12	23.0
			3000 *	914.4	66.0	30.0										8	5.7	51.8	46.1	42.7	100±12	24.5
																10	6.4	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			

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 Red, Blue, Green, Yellow or Natural only.

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

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

 <p>Rip Cord</p>	<b>1500R</b> <small>new</small> NEC: CMR CEC: CMR FT4	4	1000	304.8	25.0	11.4	.008	.20	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0		
			A-1000	A-304.8	28.0	12.7										4	4.0	56.3	52.3	48.7	100±12	23.0
																8	5.7	51.8	46.1	42.7	100±12	24.5
																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			

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 • 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 Networking Cables 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



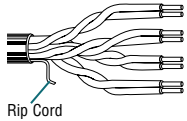
# Data and Voice Cable

## Category 5e UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		Nominal OD		Max. DCR ( $\Omega$ / 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. ( $\Omega$ )	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm										

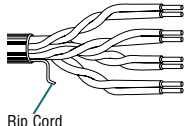
**24 AWG Solid Bare Copper • Twisted Pairs • Rip Cord • See Color Code Chart (below)**

<b>Non-Plenum • Polyolefin Insulation • PVC Jacket</b> (Available in White, Black, Dark Gray, Blue, Red, Orange, Yellow, Green or Pink)																					
75°C	<b>1583R</b>	NEC: CMR CEC: CMP FT4	4	U-1000 <sup>▲</sup> 1000 <sup>▲</sup> 3000 <sup>▲</sup>	U-304.8 304.8 914.4	22.0 22.0 66.0	10.0 10.0 30.0	.008	.20	.214	5.44	9.38	5.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
															4	4.1	53.3	49.0	48.7	100±15	23.0
															10	6.5	47.3	41.0	40.8	100±15	25.0
															16	8.2	44.3	36.0	36.7	100±15	25.0
															31.25	11.7	39.9	28.0	30.9	100±15	23.6
															62.5	17.0	35.4	19.0	24.8	100±15	21.5
															100	22.0	32.3	11.0	20.8	100±15	20.1
															200	32.0	27.8	1.0	14.7	100±25	15.0



Jacket sequentially marked at 2 ft. intervals.  
Third party verified to TIA/EIA-568-B.2, Category 5e  
<sup>▲</sup>U-1000 ft. and 1000 ft. put-ups not available in Black.  
<sup>\*</sup>3000 ft. put-ups available in Dark Gray, White or Blue only.

<b>Plenum • FEP Insulation • Flamarrest® Jacket</b> (Available in Natural, Blue, Red, Orange, Yellow, Green, Gray, Black or Pink)																					
75°C	<b>1585A</b>	NEC: CMP CEC: CMP FT6	4	U-1000 1000 3000 <sup>*</sup>	U-304.8 304.8 914.6	23.0 23.0 69.0	10.5 10.5 31.4	.007	.18	.200	5.08	9.38	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
															4	4.1	53.3	49.0	48.7	100±15	23.0
															10	6.5	47.3	41.0	40.8	100±15	25.0
															16	8.2	44.3	36.0	36.7	100±15	25.0
															31.25	11.7	39.9	28.0	30.9	100±15	23.6
															62.5	17.0	35.4	19.0	24.8	100±15	21.5
															100	22.0	32.3	11.0	20.8	100±15	20.1
															200	32.0	27.8	1.0	14.7	100±25	15.0



Jacket sequentially marked at 2 ft. intervals.  
Third party verified to TIA/EIA-568-B.2, Category 5e  
<sup>\*</sup>3000 ft. put-up available in Natural or Blue only.

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)  
For a complete selection of Belden® Data Cables, refer to the Networking Cables 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 Cable

## DBS and Broadband CATV Coaxial Cables

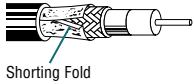
### Series 6 (RG-6/U Type)

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 Conductor • Duobond® + Aluminum Braid(s) Shield**

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

80°C	<b>7915A</b> <small>new</small>	NEC: CATV CM	U-500 500	U-152.4 152.4	16.0 18.0	7.3 8.2	18 AWG (solid) .040"	.180	4.57	Duobond Plus® + 80% Aluminum Braid	.275	6.99	75	83%	16.2	53.1	5	.5	1.6
		CEC: CM	U-1000 1000	U-304.8 304.8	34.0 34.0	15.5 15.5	6.4Ω/M' 21.0Ω/km			4.6Ω/M' 15.1Ω/km							55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.9	25.9
																	1800	8.4	27.6
																	2250	10.1	33.1



Shorting Fold

80°C	<b>7916A</b> <small>new</small>	NEC: CATV CM	U-500 500	U-152.4 152.4	18.0 20.0	8.2 9.1	18 AWG (solid) .040"	.180	4.57	Duobond IV* 60% & 40% Aluminum Braids	.298	7.57	75	83%	16.2	53.1	5	.5	1.6
		CEC: CM	U-1000 1000	U-304.8 304.8	37.0 37.0	16.8 16.8	6.4Ω/M' 21.0Ω/km			4.8Ω/M' 15.7Ω/km							55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.9	25.9
																	1800	8.4	27.6
																	2250	10.1	33.1

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

80°C	<b>1829AC</b>	NEC: CATV CM	U-1000 1000	U-304.8 304.8	31.0 31.0	14.1 14.1	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid	.270	6.86	75	83%	16.2	53.1	5	.5	1.6
		CEC: CM					6.4Ω/M' 21.0Ω/km			9.0Ω/M' 29.5Ω/km							55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.9	25.9
																	1800	8.4	27.6
																	2250	10.1	33.1
																	3000	11.0	36.1

80°C	<b>1841AC</b> <small>new</small>	NEC: CATV CM	500	152.4	33.0	15.0	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid	.273	6.93	75	83%	16.2	53.1	5	.5	1.6
		CEC: CM					6.4Ω/M' 21.0Ω/km			9.0Ω/M' 29.5Ω/km							55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.9	25.9
																	1800	8.4	27.6
																	2250	10.1	33.1
																	3000	11.0	36.1

BC = Bare Copper • DCR = DC Resistance

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 Cable

## DBS and 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 • Duobond® IV\* Quad Shield**

**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>1189A</b>	NEC: U-500 CATV U-1000 CM 1000 CEC: U-152.4 CM 304.8	U-152.4	U-304.8	16.0	7.3	18 AWG (solid) .040"	.180	4.57	Duobond IV 60% & 40% Aluminum Braids	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.88		
																			
BCCS 28.0Ω/M' 91.9Ω/km 4.8Ω/M' 15.7Ω/km Sweep tested 5 MHz to 1 GHz.																			

▼U-500 ft. put-up also available in White.  
 ▲U-1000 ft. put-up available in White and Neutral only.  
 \*1000 ft. put-up also available in White, Beige or Neutral.

**Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket**

75°C	<b>1189AP</b> <small>new</small>	NEC: U-1000† CATVP 1000† CMP CEC: U-304.8 CMP FT6	U-304.8	U-304.8	41.0	18.6	18 AWG (solid) .040"	.170	4.32	Duobond IV 60% & 40% Aluminum Braids	.248	6.30	75	83%	16.3	53.5	1	.3	1.0
																			
BCCS 28.0Ω/M' 91.9Ω/km 4.8Ω/M' 15.7Ω/km Sweep tested 5 MHz to 1 GHz.																			
10 .7 2.2 50 1.6 5.2 100 2.2 7.2 200 3.0 9.8 400 4.6 15.1 700 6.6 21.7 900 7.7 25.3 1000 8.2 26.9																			

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

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.  
 † 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 • Duofoil® + 95% Tinned Copper Braid Shield**

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV	<b>1694A</b>	NEC:	500 <sup>▲</sup>	152.4	23.0	10.5	18 AWG	.180	4.57	Duofoil	.275	6.99	75	82%	16.2	53.1	1	.2	.8
Digital Video	<b>new</b>	CMR	1000	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:	4500	1371.6	200.5	91.1	.040"			TC Braid							10	.7	2.4
		CMG FT4					BC			2.8Ω/M'							71.5	1.6	5.2
							6.4Ω/M'			9.2Ω/km							135	2.1	6.9
							21.0Ω/km										270	3.0	9.7
																	360	3.4	11.3
																	540	4.3	13.9
																	720	4.9	16.1
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2250	9.1	30.0
																	3000	10.7	35.0

▲500 ft. put-up available in Black only.  
\*Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or White.

Plenum • Foam FEP Insulation • Flamarrest® Jacket (Available in 10 colors)**																			
SDI/HDTV	<b>1695A</b>	NEC:	500 <sup>†</sup> *	152.4	22.5	10.2	18 AWG	.170	4.32	Duofoil	.234	5.94	75	82%	16.2	53.1	1	.2	.8
Digital Video	<b>new</b>	CMP	1000 <sup>†</sup>	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			TC Braid							10	.8	2.5
		CMG FT6					BC			2.8Ω/M'							71.5	1.8	5.8
							6.4Ω/M'			9.2Ω/km							135	2.4	7.9
							21.0Ω/km										270	3.4	11.2
																	360	4.0	13.1
																	540	5.2	17.1
																	720	6.1	20.0
																	750	7.3	23.9
																	1000	7.5	24.6
																	1500	9.2	30.2
																	2250	11.6	38.0
																	3000	13.7	44.9

†500 ft. put-up available in Black, Red, Yellow, Violet or Natural only.  
\*\*Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or Natural.

**RG-59/U Type • 20 AWG Solid .032" Bare Copper • Duofoil + 95% Tinned Copper Braid Shield**

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV	<b>1505A</b>	NEC:	500 <sup>▼</sup>	152.4	17.5	8.0	20 AWG	.145	3.68	Duofoil	.234	5.94	75	83%	16.3	53.5	1	.3	1.0
Digital Video		CMR	1000*	304.8	36.0	16.4	(solid)			+ 95%							3.6	.6	1.8
75°C		CEC:	5000*	1524.0	165.4	75.2	.032"			TC Braid							10	.9	2.9
		CMG FT4					BC			3.8Ω/M'							71.5	2.1	6.9
							10.0Ω/M'			12.5Ω/km							135	2.7	8.9
							32.8Ω/km										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	9.3	30.5
																	2250	11.6	38.0
																	3000	13.4	44.0

▼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, Violet, 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.



# 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 • Duofoil® + 95% Tinned Copper Braid Shield**

**Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)\***

SDI/HDTV Digital Video 75°C	<b>1855A</b>	NEC: CMR CEC: U-1000* CMG FT4	500 <sup>▲</sup> 1000 U-1000*	152.4 304.8 U-304.8	9.0 18.0 18.0	4.1 8.2 8.2	23 AWG (solid) .023" BC 20.1Ω/M' 65.9Ω/km	.102 2.59	2.59	Duofoil + 95% TC Braid 7.6Ω/M' 24.9Ω/km	.159 4.03	4.03	75	83%	16.3 53.5	53.5	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.4 .8 1.2 3.1 3.8 5.4 6.2 7.7 9.5 9.6 10.5 13.0 16.0 18.5	1.3 2.6 3.9 10.0 12.5 17.7 20.3 25.3 31.1 31.5 34.4 42.6 52.5 60.7
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Also available in multiples, bundled.  
See 7787A through 7792A.  
100% Sweep tested. 5 MHz to 3 GHz.

\*500 ft. put-up available in Black only.  
\*U-1000 ft. put-up available in Gray only.

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

**Polyethylene Insulation • Black PVC Jacket**

UL AWM Style 1354 (30V 80°C)	<b>8241B</b>	NEC: CM CEC: CM	U-1000 1000	U-304.8 304.8	38.0 37.0	17.3 16.8	23 AWG (solid) .023" BC 20.4Ω/M' 66.9Ω/km	.146 3.71	3.71	BC Braid 95% Shield Coverage 2.9Ω/M' 9.5Ω/km	.242 6.15	6.15	75	66%	20.5 67.3	67.3	1 10 50 100 200 400 700 900 1000	.4 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	1.3 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
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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, Violet, Gray, White or Black.



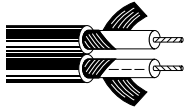
# Video Cable

## High-Flex SVHS Cables and Bundled RGB Cables

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

**High-Flex SVHS • 30 AWG** Stranded (7x38) .012" Tinned Copper • Tinned Copper Serve (90% Shield Coverage)

<b>Foam HDPE Insulation • Matte Black PVC Jacket (One Coax Printed and Striped for Identification)</b>																				
Parallel Zip Construction	<b>1807A</b>		2	U-500	U-152.4	8.0	3.6	30 AWG (7x38) .012" TC 100.0Ω/M' 328.0Ω/km	.058	1.47	TC Serve 90% Shield Coverage 7.5Ω/M' 24.6Ω/km	.110	2.79	75	78%	17.3	56.7	1	.6	2.0
				500	152.4	8.5	3.9											5	1.4	4.6
				U-1000	U-304.8	15.0	6.8											10	2.1	6.9
				1000	304.8	19.0	8.6											30	3.8	12.5
																		50	5.1	16.7
																		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.

**Bundled RGB • Miniature • 30 AWG** Stranded (7x38) .012" TC • Duofoil® + 90% TC Braid (Coaxes) • 100% Overall Beldfoil® Shield

<b>Foam HDPE Insulation • Overall Black PVC Jacket (Color Code: Red, Green, Blue, White, Yellow)</b>																					
UL AWM Style 1354 (30V 60°C)	<b>1520A</b>	NEC: CL2	3	500	152.4	25.0	11.4	30 AWG (7x38) .012" TC 100.0Ω/M' 328.0Ω/km	.056	1.42	Coaxes: Duofoil + 90% TC Braid Overall: Beldfoil 9.5Ω/M' 31.2Ω/km	.283	7.19	75	78%	17.3	56.7	1	.8	2.6	
				1000	304.8	50.0	22.7											5	1.5	4.9	
																		10	2.2	7.2	
																		30	4.0	13.1	
																		50	5.4	17.7	
																		100	8.2	26.9	
				200	12.5	41.0															
				400	18.9	62.0															
				700	26.5	86.9															
				900	30.8	101.0															
				1000	32.8	107.6															
<b>1521A</b>	NEC: CL2	4	500	152.4	30.0	13.6	same as above	.056	1.42	same as above	.310	7.87									
			1000	304.8	60.0	27.3		Coax OD: .102	2.59												
<b>1522A</b>	NEC: CL2	5	500	152.4	34.0	15.5	same as above	.056	1.42	same as above	.338	8.59									
			1000	304.8	68.0	30.9		Coax OD: .102	2.59												100% Sweep tested. 10 MHz to 40 MHz.

**Bundled RGB • High-Flex • 26 AWG** Stranded (7x34) .019" Bare Copper • Duofoil + 93% Tinned Copper Braid Shield

<b>Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: Red, Green, Blue, White, Yellow)</b>																					
60°C	<b>1406B</b>		3	1000†	304.8	75.0	34.1	26 AWG (7x34) .019" BC 41.5Ω/M' 136.0Ω/km	.090	2.29	Duofoil + 93% TC Braid 8.6Ω/M' 28.2Ω/km	.388	9.86	75	78%	17.3	56.7	1	.6	2.0	
																		5	1.3	4.3	
																		10	1.8	5.9	
																		30	3.1	10.2	
																		50	3.9	12.8	
																		100	5.4	17.7	
				200	7.5	24.6															
				400	10.4	34.1															
				700	13.5	44.3															
				900	15.2	49.9															
				1000	15.9	52.2															
<b>1407B</b>			4	1000†	304.8	100.0	45.5	same as above	.090	2.29	same as above	.455	11.56								
								Coax OD: .146	3.71												
<b>1417B</b>			5	1000†	304.8	120.0	54.5	same as above	.090	2.29	same as above	.477	12.12								100% Sweep tested. 10 MHz to 40 MHz.
								Coax OD: .146	3.71												

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**.  
 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.



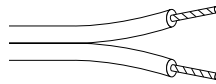


# Audio Cable

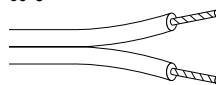
High-Conductivity Electrolytic Tough Pitch (ETP) Copper Speaker Cables and AES/EBU Digital Audio Cables

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

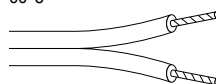
**Speaker Cables • 16 AWG** Stranded (26x30) • ETP High-conductivity Copper • Parallel: (1) Tinned, (1) Bare

<b>PVC Insulation • Clear PVC Jacket</b>											
Parallel Zip Construction	9716	2	U-1000 1000	U-304.8 304.8	8.0 7.0	3.6 3.2	.027	.69	.115 x .230	2.92 x 5.84	
300V 60°C											
											

**Speaker Cables • 14 AWG** Stranded (19x27) • ETP High-conductivity Copper • Parallel: (1) Tinned, (1) Bare

<b>PVC Insulation • Clear PVC Jacket</b>											
Parallel Zip Construction	9717	2	U-1000 1000	U-304.8 304.8	43.0 42.0	19.5 19.1	.035	.89	.146 x .292	3.71 x 7.42	
60°C											
											

**Speaker Cables • 12 AWG** Stranded (65x30) • ETP High-conductivity Copper • Parallel: (1) Tinned, (1) Bare

<b>PVC Insulation • Clear PVC Jacket</b>											
Parallel Zip Construction	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	
60°C											
											

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) • Tinned Copper • Twisted Pairs • Overall 100% Beldfoil® Shield • 24 AWG Drain Wire

<b>Datalene® Insulation • Slate Gray or Violet PVC Jacket</b>																			
60°C	1800B	NEC:	1	Black, Red	500*	152.4	12.0	5.5	23.7Ω/M'	18.9Ω/M'	.177	4.57	110	76%	13	43	26	85	
		CMG			U-1000	U-304.8	18.0	8.2	77.7Ω/km	62.0Ω/km									
		CEC:			1000	304.8	18.0	8.2											
		CMG FT4			5000*	1524.0	88.8	40.4											

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

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.

For cross-connect use with 1803F (et al.)  
Digital Audio Snake Cables, see page 12.29.  
For Plenum version of 1800B, see 1801B.




# Audio Cable


High-Strand Multi-conductor 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

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


<b>High-Grade PVC Insulation • PVC Jacket</b> (Available in Blue, Green, White, Black or Gray)														
75°C 	<b>5200UP</b> <small>new</small>	NEC: CM	2	Black, White	U-500	U-152.4	14.0	6.4	.010	.25	.015	.38	.208	5.28
					500	152.4	15.5	7.0						
					U-1000	U-304.8	27.0	12.3						
					1000	304.8	28.0	12.7						

Jacket sequentially marked at 2 ft. intervals.

75°C 	<b>5202UP</b> <small>new</small>	NEC: CM	4	Black, White, Red, Green	U-500	U-152.4	25.5	11.6	.010	.25	.015	.38	.244	6.20
					500	152.4	27.0	12.3						
					U-1000	U-304.8	51.0	23.2						
					1000	304.8	51.0	23.2						


Jacket sequentially marked at 2 ft. intervals.

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

<b>High-Grade PVC Insulation • PVC Jacket</b> (Available in Blue, Green, White, Black or Gray)														
75°C 	<b>5100UP</b> <small>new</small>	NEC: CL3	2	Black, White	U-500	U-152.4	21.5	9.8	.010	.25	.015	.38	.260	6.60
					500	152.4	23.5	10.7						
					U-1000	U-304.8	42.0	19.1						
					1000	304.8	43.0	19.5						


Jacket sequentially marked at 2 ft. intervals.

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

<b>High-Grade PVC Insulation • PVC Jacket</b> (Available in Blue, Green, White, Black or Gray)														
75°C 	<b>5000UP</b> <small>new</small>	NEC: CL3	2	Black, White	U-500	U-152.4	31.5	14.3	.010	.25	.018	.46	.302	7.67
					500	152.4	33.5	15.2						
					U-1000	U-304.8	64.0	29.1						
					1000	304.8	64.0	29.1						

Jacket sequentially marked at 2 ft. intervals.

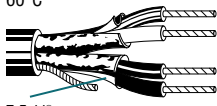
**High-Strand Audio • 10 AWG** Stranded (65x28) Bare High-conductivity ETP Copper • Highly Stranded for Ultra Flexibility

<b>High-Grade PVC Insulation • PVC Jacket</b> (Available in Blue, Green, White, Black or Gray)														
75°C 	<b>5T00UP</b> <small>new</small>	NEC: CL2 Audio Use Only	2	Black, White	500	152.4	44.0	20.0	.015	.38	.026	.66	.356	9.04
					1000	304.8	87.0	39.5						

Jacket sequentially marked at 2 ft. intervals.

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. of Prop. (Ω)	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm		* pF/Ft.	* pF/m	** pF/Ft.	** pF/m

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

<b>Polypropylene Insulation • Chrome PVC Jacket</b> (Pairs Cabled on Common Axis to Reduce Diameter)																		
60°C  Z-Fold®	<b>8723</b>	NEC: CM CEC: CM	2	Red/Black, Green/White	100	30.5	2.3	1.0	15.0Ω/M'	16.6Ω/M'	.168	4.27	45	66%	35	115	62	203
					U-500	U-152.4	10.5	4.8	49.2Ω/km	54.5Ω/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	40.0	18.2										
					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 100% Beldfoil®

For Plenum versions of 8723, see 88723, 87723 or 82723.

DCR = DC Resistance • TC = Tinned Copper

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




## Audio, Alarm and Security 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 • Rip Cord

#### Non-Plenum • PVC Insulation • Gray PVC Jacket


	300V 75°C	5200UE	NEC: CMR CEC: CMG FT4	2	Black, Red	U-500	U-152.4	13.0	5.9	.010	.25	.015	.38	.184	4.67	
						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.

	300V 75°C	5202UE	NEC: CMR CEC: CMG FT4	4	Black, Red, White, Green	U-500	U-152.4	23.0	10.5	.010	.25	.015	.38	.216	5.49	
						500	152.4	23.5	10.7							
						U-1000	U-304.8	46.0	20.9							
						1000	304.8	51.0	23.2							

Jacket sequentially marked at 2 ft. intervals.


#### Plenum • Flamarrest® Insulation • Natural Flamarrest Jacket

	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	26.0	11.8							
						1000	304.8	26.0	11.8							

Jacket sequentially marked at 2 ft. intervals.


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

#### Non-Plenum • PVC Insulation • Gray PVC Jacket

	300V 75°C	5100UE	NEC: CL3R	2	Black, White	500	152.4	19.5	8.9	.014	.36	.015	.38	.234	5.94	
						U-1000	U-304.8	38.0	17.3							
						1000	304.8	39.0	17.7							

Jacket sequentially marked at 2 ft. intervals.


#### Plenum • Flamarrest Insulation • Natural Flamarrest Jacket

	150V 75°C	6100UE	NEC: CL2P	2	Black, White	500	152.4	20.0	9.1	.011	.28	.015	.38	.222	5.64	
						U-1000	U-304.8	39.0	17.7							
						1000	304.8	40.0	18.2							

Jacket sequentially marked at 2 ft. intervals.

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

#### Non-Plenum • PVC Insulation • Gray PVC Jacket

	300V 75°C	5000UE	NEC: CL3R	2	Black, White	500	152.4	28.5	13.0	.014	.36	.015	.38	.268	6.81	
						U-1000	U-304.8	57.0	25.9							

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.



# Alarm, Security and Audio Cable


Multi-conductor Cables for Residential, Light Commercial and Institutional Applications  
Coaxial and Composite Cables for Surveillance and CCTV 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 • 22 AWG** Stranded (7x30) Bare Copper


**Polypropylene Insulation • PVC Jacket** (Available in Beige, Brown, Orange, Yellow, Green, Blue, Violet, Gray or Natural)

300V 75°C	<b>5500UG</b> <small>new</small>	NEC: CM CEC: CM FT1	2	Black, Red	U-500 U-1000	U-152.4 U-304.8	5.0 9.0	2.3 4.1	.006	.15	.015	.38	.114	2.90
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Jacket sequentially marked at 2 ft. intervals.

300V 75°C	<b>5502UG*</b> <small>new</small>	NEC: CM CEC: CM FT1	4	Black, Red, White, Green	U-500 * U-1000 *	U-152.4 U-304.8	7.5 14.0	3.4 6.4	.006	.15	.015	.38	.131	3.33
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\*5502UG not available in Orange.  
Jacket sequentially marked at 2 ft. intervals.

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

**Polypropylene Insulation • PVC Jacket** (Available in Black, Gray or Natural)

300V 75°C	<b>5300UG</b> <small>new</small>	NEC: CM CEC: CM FT1	2	Black, Red	U-500 U-1000	U-152.4 U-304.8	8.5 16.0	3.9 7.3	.006	.15	.015	.38	.148	3.76
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Jacket sequentially marked at 2 ft. intervals.

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 • Bare Copper Braid Shield (95% Coverage)

**Foam Polyolefin Insulation • Black PVC Jacket**

75°C	<b>543945</b>	NEC: CM CEC: CM FT1	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	16.0 16.0 32.0 32.0	7.3 7.3 14.5 14.5	10.0Ω/M' 32.8Ω/km	3.5Ω/M' 11.5Ω/km	.145	3.68	.232	5.89	75
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Jacket sequentially marked at 2 ft. intervals.

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

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

Siamese Configuration 75°C	<b>549945</b>	NEC: CM CEC: CM FT1	500 1000	152.4 304.8	30.0 60.0	13.6 27.3	Coax: 10.0Ω/M' 32.8Ω/km Each Pair: 6.5Ω/M' 21.3Ω/km	3.5Ω/M' 11.5Ω/km	Coax OD: .145 Pair OD: .460	3.68	.232 .460	5.89 11.68	75
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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.

