# BRILLIANCE® BROADCAST CABLES

### **Audio and Video Composite Camera Cable** Overview



#### **Audio and Video Composite Camera Cables**

Audio/video composite cables are used in camera cable applications requiring one or more coaxes for video and one or more shielded pairs for audio and power.

Applications for such cables include interconnect of remote field cameras for Electronic News Gathering (ENG), Electronic Field Production (EFP) and Closed Circuit Television (CCTV).

ENG cameras are used in shooting on-site News reports which may be live or recorded. EFP applications involve on-site recording of videos produced for companies or private enterprises (i.e., advertisement or training films).

The three most common audio/video configurations are one coaxone pair, one coax-three pair and two coax-three pair designs.

#### **One Coax-One Pair**

The most common use for cable of this design is the interconnection of cameras requiring one coax for the video connection to the camera and one pair for audio.

The audio pair may be connected either to the camera itself, to an audio junction box or directly into a microphone.

Another common application for this design is the connection of CCTV surveillance cameras where the coax is used for the video connection and the twisted pair to power the camera.

#### **One Coax-Three Pair**

This cable is used in camera applications requiring a coaxial video feed, one audio pair for a MIC hook-up, and two audio pairs for the Interrupted Feedback (IFB) connections to the camera person and talent (anchor). IFB is the audio feed(s) to the talent and camera person's headset which enables them to listen and receive information and directions from the news director as they make the recording.

#### **Two Coax-Three Pair**

Camera applications utilizing this design again utilize one coax for the camera video connection and three audio pairs for the MIC and IFB hook-ups. The additional coax can be used to provide video to a portable TV monitor so the talent can view him or herself as the report is being recorded.

### **HDTV Fiber/Copper Composite Cable**

Designed specifically for high-definition cameras, these composite cables can multiplex audio and video signals and power. The cables meet all the requirements of the SMPTE 311 standard developed by the Society of Motion Picture and Television Engineers (SMPTE). They are also compatible with industry standard SMPTE 304M connectors.

# **Audio and Video Composite Camera Cable**

SMPTE 311M HDTV Cables
Single-mode Fiber with Copper Conductors



| Description           | Part               | UL NEC/<br>C(UL) CEC |                    | Lengths                 | Stan<br>Unit W       | dard<br>Veight       | Conductor<br>(stranding)   |         | ninal<br>e OD | Shielding<br>Materials           | Nomi   | nal OD    | Nominal<br>Attenuation                       |           |
|-----------------------|--------------------|----------------------|--------------------|-------------------------|----------------------|----------------------|--|---------|---------------|----------------------------------|--------|-----------|--|-----------|
| Description           | No.                | Type                 | Ft.                | m                       | Lbs.                 | kg                   | Nom. DCR   | Inch    | mm            | Nom. DCR                         | Inch   | mm        | dB/1000 Ft.                                  | dB/km     |
| 4 Power Conduc        | tors •             | SM Fibe              | er w/24            | and 2                   | 20 AW                | <b>G</b> Stra        | nded (7x32 and   | d 19x32 | 2) TC (       | Conductors                       | • TC I | Braid S   | hield (95% (                                 | Coverage) |
| <b>PVC Insulation</b> | • Blac             | k Belfle             | x® Jac             | ket                     |                      |                      |  |         |               |                                  |        |           |  |           |
|                       | 7804R              | NEC:<br>CMR<br>CEC:  | 328<br>500<br>1000 | 100.0<br>152.4<br>304.8 | 33.1<br>47.5<br>96.0 | 15.0<br>21.6<br>43.5 | (2) Fibers:<br>SM/125μ/900μ<br>(core/clad/buffer)                                | .035    | .89           | 36 AWG<br>TC Braid<br>95% Shield | .362   | 9.20      | .14  | .45       |
|                       | 777 (70<br>777 (70 | CMG FT4              | 1640<br>3280       | 500.0<br>1000.0         | 152.5<br>314.9       | 69.2<br>142.8        | (2) Cond.:<br>24 AWG<br>(7x32)<br>.024"<br>Tinned Copper<br>23.3Ω/M'<br>76.4Ω/km | .050    | 1.27          | Coverage<br>2.9Ω/M′<br>9.5Ω/km   | condu  | ictor cou | n and other<br>nts/diameters<br>ecial order. |           |
|                       |                    |                      |                    |                         |                      |                      | (4) Cond.:<br>20 AWG<br>(19x32)<br>.037"<br>Tinned Copper<br>8.8Ω/M'             | .063    | 1.60          |                                  | avanu  | Sio Sy Op | ootal ordol.                                 |           |

2 Power Conductors • SM Fiber w/24 and 16 AWG Stranded (7x32 and 65x34) TC Conductors • TC Braid Shield (95% Coverage)

 $28.9\Omega/km$ 

| <b>PVC Insulation • Blac</b>             | k Belfle                       | x Jack                     | cet                              |                               |                              |  |      |      |  |       |            |  |     |
|--|--------------------------------|----------------------------|----------------------------------|-------------------------------|------------------------------|--|------|------|--|-------|------------|--|-----|
| 7804C                                    | NEC:<br>CMR<br>CEC:<br>CMG FT4 | 328<br>500<br>1000<br>1640 | 100.0<br>152.4<br>304.8<br>500.0 | 32.8<br>49.0<br>99.0<br>157.4 | 14.9<br>22.2<br>44.9<br>71.4 | (2) Breakout<br>Fibers:<br>SM/125µ/900µ<br>(core/clad/buffer)                    | .079 | 2.00 | 38 AWG<br>TC Braid<br>95% Shield<br>Coverage | .362  | 9.20       | .14  | .45 |
|  |                                | 3280                       | 1000.0                           | 324.7                         | 147.3                        | (2) Cond.:<br>24 AWG<br>(7x32)<br>.024"<br>Tinned Copper<br>23.3Ω/M'<br>76.4Ω/km | .050 | 1.27 | 2.8Ω/M′<br>9.2Ω/km                           | condu | ictor cour | n and other<br>nts/diameters<br>ecial order. |     |
|  |                                |                            |                                  |                               |                              | (2) Cond.:<br>16 AWG<br>(65x34)<br>.059"<br>Tinned Copper<br>4.3Ω/M'             | .093 | 2.36 |  |       |            |  |     |
| Fibers and aramid fillers contained with | nin a .008 in (2.              | 0mm) diar                  | neter PVC b                      | reakout jac                   | ket.                         | 14.1Ω/km   |      |      |  |       |            |  |     |

DCR = DC Resistance • SM = Single-mode • TC = Tinned Copper

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

# **Composite Camera Cable**

Television Camera and CCTV Cables RG-59/U Type Coax with Shielded Twisted Pair(s)

BRILLIANCE® BROADCAST CABLES



| Description                       | Part      | UL NEC/           |                      | l Lengths      |              | idard<br>Veight | Conductor (stranding)   | Non<br>Core          | inal<br>OD            | Shielding  | Ove<br>Nomi       | rall<br>nal OD     | Nom.<br>Imp. | Nom.<br>Vel. |         | ninal<br>itance |                           | Nominal<br>tenuatio           |                                 |
|-----------------------------------|-----------|-------------------|----------------------|----------------|--------------|-----------------|---|----------------------|-----------------------|--|-------------------|--------------------|--------------|--------------|---------|-----------------|---------------------------|-------------------------------|---------------------------------|
| Description                       | No.       | C(UL) CEC<br>Type | Ft.                  | m              | Lbs.         | kg              | Diameter<br>Nom. DCR  | Inch                 | mm                    | Materials<br>Nom. DCR  | Inch              | mm                 | (Ω)          | of           | pF/Ft.  | pF/m            | MHz                       | dB/<br>100 Ft.                | dB/<br>100m                     |
| 22 AWG Stra                       | anded     | (7x30) Cor        | nductors             | • BC C         | oax w        | /BC Br          | aid Shield  | (95%                 | Cover                 | age) • TC T  | Twiste            | d Pair             | w/Belo       | dfoil® S     | hield ( | (100%           | Cov.)                     | +Drair                        | n Wire                          |
| Foam Poly                         | yethy     | lene (Coa         | ax) <mark>and</mark> | PVC (          | Pairs)       | Insu            | lation •  | Black                | c PVC                 | C Jacket   |                   |                    |              |              |         |                 |                           |                               |                                 |
| UL AWM<br>Style 20006<br>30V 60°C | 9265      | NEC:<br>CL2       | 500<br>1000          | 152.4<br>304.8 | 32.5<br>62.0 | 14.7<br>28.1    | (1) Coax:<br>22 AWG<br>(7x30)<br>.030" BC<br>15.0Ω/M'<br>49.2Ω/km | .146<br>Coar<br>.242 | 3.71<br>OD:<br>6.15   | BC<br>Braid<br>95% Shield<br>Coverage<br>2.6Ω/M'<br>8.5Ω/km                | .242<br>X<br>.470 | 6.15<br>X<br>11.94 | 75           | 78%          | 17.3    | 56.8            | 1<br>5<br>10<br>50<br>100 | .3<br>.7<br>1.0<br>2.1<br>3.0 | 1.0<br>2.3<br>3.3<br>6.9<br>9.8 |
| Z-Fold®                           |           | <b>&gt;</b>       |                      |                |              |                 | (2) Cond:<br>22 AWG<br>(7x30)<br>.030" TC<br>15.0Ω/M'<br>49.2Ω/km | .054<br>Paii<br>.112 | 1.37<br>r OD:<br>2.84 | Pair:<br>Beldfoil<br>Shielded<br>100% Shield<br>Coverage w/<br>AWG Drain W |                   |                    | 35           | 58%          | 51.0    | 167.3           |                           |                               |                                 |
| Siamese Type Cons                 | struction |                   |                      |                |              |                 | Black, Red  |                      |                       | 11.0Ω/M′<br>36.1Ω/km   |                   |                    |              |              |         |                 |                           |                               |                                 |

22 AWG Stranded (7x30) Conductors • BC Coax w/BC Braid Shield (95% Cov.) • (3) TC STP Individually Beldfoil Shielded (100% Cov.) w/Drain Wire

| Foam Po                           | lyethyl     | ene (Coa     | x) and      | PVC (          | Pairs)       | Insu         | lation • E   | Black                | PV                  | C Jacket   |                   |                    |    |     |      |       |                                  |                                      |   |
|-----------------------------------|-------------|--------------|-------------|----------------|--------------|--------------|--|----------------------|---------------------|--|-------------------|--------------------|----|-----|------|-------|----------------------------------|--------------------------------------|---|
| UL AWM<br>Style 20006<br>30V 60°C | 9165        | NEC:<br>CL2X | 500<br>1000 | 152.4<br>304.8 | 50.0<br>94.0 | 22.7<br>42.7 | (1) Coax:<br>22 AWG<br>(7x30)<br>.030" BC<br>15.0Ω/M'<br>49.2Ω/km  | .146<br>Coax<br>.242 | 3.71<br>OD:<br>6.15 | BC<br>Braid<br>95% Shield<br>Coverage<br>2.6Ω/M'<br>8.5Ω/km                      | .290<br>x<br>.561 | 7.37<br>x<br>14.25 | 75 | 78% | 17.3 | 56.8  | 1<br>5<br>10<br>50<br>100<br>400 | .3<br>.7<br>1.0<br>2.1<br>3.0<br>7.4 | 1.0<br>2.3<br>3.3<br>6.9<br>9.8<br>24.3 |
| Z-Fold®                           |             | <b>(5)</b>   |             |                |              |              | (3) Pairs:<br>22 AWG<br>(7x30)<br>.030" TC<br>15.0Ω/M'<br>49.2Ω/km | .054<br>Pair<br>.116 | 1.37<br>OD:<br>2.95 | Each Pair:<br>Individually<br>Beldfoil<br>Shielded<br>100% Shield<br>Coverage w/ |                   |                    | 35 | 58% | 51.0 | 167.3 |                                  |                                      |   |
| Siamese Type Co                   | onstruction |              |             |                |              |              | Red & Black,<br>Orange & Brown,<br>Green & White                   |                      | 22                  | AWG Drain W<br>$11.0\Omega/M'$<br>$36.1\Omega/km$                                | /ire              |                    |    |     |      |       |                                  |                                      |   |

BC = Bare Copper • DCR = DC Resistance • STP = Shielded Twisted Pairs • TC = Tinned Copper

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

### BRILLIANCE® BROADCAST CABLES

# **Composite Camera Cable**

Audio and Video, ENG and EFP Cables Multiple Coax with Shielded Twisted Pairs



| Description  | Part  |                   | Standard | Lengths | Stan<br>Unit W |       | Conductor<br>(stranding)   | Nom<br>Core          |                       | Shielding  | Nomir | al OD | _           | Nom.<br>Vel. | Non<br>Capac | inal<br>itance |                                    | Nominal<br>Itenuatio                    |  |
|--------------|-------|-------------------|----------|---------|----------------|-------|--|----------------------|-----------------------|--|-------|-------|-------------|--------------|--------------|----------------|------------------------------------|---|--|
| Description  | No.   | C(UL) CEC<br>Type | Ft.      | m       | Lbs.           | kg    | Diameter<br>Nom. DCR   | Inch                 | mm                    | Materials<br>Nom. DCR  | Inch  | mm    | lmp.<br>(Ω) | of           | pF/Ft.       | pF/m           | MHz                                | dB/<br>100 Ft.                          | dB/<br>100m                                |
| 12-conduct   | or EF | P and E           | NG Ca    | mera (  | Cable          | •     |  |                      |                       |  |       |       |             |              |              |                |                                    |   |  |
| Foam Poly    | ethy  | lene (Coa         | ax) and  | Polyp   | ropyl          | ene ( | (Pairs) <b>Ins</b>   | ulati                | on •                  | Overall (  | hroi  | ne P  | VC J        | acke         | t i          |                |                                    |   |  |
| 75°C<br>VW-1 | 9170  |                   | 1000     | 304.8   | 113.0          | 51.4  | (2) Coax:<br>25 AWG<br>(7x33)<br>.022" BC<br>31.2Ω/M'<br>102.0Ω/km<br>Black,<br>Black with<br>Hash Marks | .100<br>Coa<br>.150  | 2.54<br>x OD:<br>3.81 | Each Coax:<br>TC<br>Braid<br>93% Shield<br>Coverage<br>6.0Ω/M'<br>19.7Ω/km | .490  | 12.45 | 75          | 78%          | 17.3         | 56.8           | 1<br>10<br>50<br>100<br>300<br>500 | .4<br>1.5<br>3.8<br>5.6<br>10.6<br>13.8 | 1.3<br>4.9<br>12.5<br>18.4<br>34.8<br>45.3 |
|              |       |                   |          |         |                |       | (5) Pairs:<br>24 AWG<br>(7x32)<br>.024" TC<br>24.0Ω/M'   | .044<br>Pair<br>.095 | 1.12<br>OD:<br>2.41   | Each Pair:<br>Beldfoil®<br>Shielded<br>100% Shield<br>Coverage             |       |       |             | 66%          | 27.0         | 88.6           |                                    |   |  |

 $78.0\Omega/\text{km}$ 

Black & Red, Black & White,

Black & Green.

Black & Blue, Black & Yellow with 24 AWG

Drain Wire

18.0Ω/M'

 $59.1\Omega/\text{km}$ 

#### 14-conductor EFP and ENG Camera Cable

| Foam P  | olyethylene | (Coax) and | PVC (          | Pairs a       | nd C | onductors)   | Insu                | ılatio                | n • Over   | all C | hrom  | e PV | C Ja | cket |       |                           |                               |                                  |
|---------|-------------|------------|----------------|---------------|------|--|---------------------|-----------------------|--|-------|-------|------|------|------|-------|---------------------------|-------------------------------|----------------------------------|
| 75°C    | 9171        | )          | 152.4<br>304.8 | 97.5<br>193.0 |      | (2) Coax:<br>22 AWG<br>(7x30)<br>.030" BC<br>15.0Ω/M'<br>49.2Ω/km<br>Black,<br>Black with<br>Hash Marks                                    | .146<br>Coa<br>.242 | 3.71<br>x OD:<br>6.15 | Each Coax: BC Braid 95% Shield Coverage 2.5Ω/M' 8.6Ω/km  | .585  | 14.86 | 75   | 78%  | 17.3 | 56.8  | 1<br>2<br>10<br>50<br>100 | .3<br>.6<br>1.0<br>2.3<br>3.2 | 1.0<br>2.0<br>3.3<br>7.5<br>10.5 |
| Z-Fold® |             |            |                |               |      | (5) Pairs: 22 AWG (7x30) .030" TC $15.0\Omega/M'$ 49.2 $\Omega/km$ Black & Red, Black & White, Black & Green, Black & Slue, Black & Yellow | .054<br>Pai<br>.110 | 1.37<br>r OD:<br>2.79 | Each Pair:<br>Beldfoil<br>Shielded<br>100% Shield<br>Coverage<br>with 22 AWG<br>Drain Wire<br>11.6Ω/M'<br>38.0Ω/km |       |       |      |      | 51.0 | 167.3 |                           |                               |                                  |
|         |             |            |                |               |      | (2) Cond:<br>16 AWG<br>(26x30)<br>.060" TC<br>4.0Ω/M'<br>13.1Ω/km<br>Black, White  | Each C<br>.092      | ond. OD:<br>2.34      |  |       |       |      |      |      |       |                           |                               |                                  |

BC = Bare Copper • DCR = DC Resistance • EFP = Electronic Field Production • ENG = Electronic News Gathering • TC = Tinned Copper

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

# **Composite Camera Cable**

Television Camera and CCTV Cables

BRILLIANCE® BROADCAST CABLES



#### **TPE TV Camera Cable**

28-Conductor

#### **Product Description**

A 75 Ohm cable designed to remain flexible in cold weather. Recommended for transistorized TV cameras.

- (4) Conductors 18 AWG: (16x30) Tinned copper, PVC insulation, ring band stripe color coded. Beldfoil® shield wrapped around four conductors with stranded drain wire. Polyester tape over this shielded group (100% coverage).
- (21) Conductors 22 AWG: (7x30) Tinned copper, PVC insulation, cabled in three groups of seven, ring band stripe color coded. One group of seven has Beldfoil shield wrapped overall with drain wire. Polyester tape over this shielded group (100% coverage). Other two groups are unshielded.
- (3) 75 Ohm Coaxial Cables 25 AWG: (7x33) .021" (.53mm) bare copper-covered steel. Polyethylene insulation. Core OD .121" (3.07mm). Tinned copper braid shield (95% coverage) plus cotton braid. Coax OD .178" (4.52mm).

Overall: Tinned copper braid shield (85% coverage). Black thermoplastic elastomer jacket.

#### **Specifications**

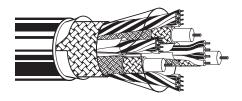
| Conductor (25) Conductors | Tinned Conner               |
|---------------------------|-----------------------------|
| (25) Conductors           | Tinned Copper               |
| (3) Coax                  | Bare Copper-covered Steel   |
| Insulation                |                             |
| Conductors                | PVC                         |
| Coax                      | PE                          |
| Shield                    |                             |
| (4) 18 AWG Conductors     | Beldfoil + PE Tape          |
| (7) 22 AWG Conductors     | Beldfoil + PE Tape          |
| (14) 22 AWG Conductors    | Unshielded                  |
| (3) Coax                  | 95% TC Braid + Cotton Braid |
| Överall                   | 85% Tinned Copper Braid     |
| Jacket                    | Black TPE                   |
| Nominal OD                | .730" (18.54mm)             |
| Nominal Impedance (Coax)  | 75Ω                         |
| Temperature Rating        | 80°C                        |
|                           |                             |

| Part | UL NEC/<br>C(UL) CEC | Standard | Lengths | Standard L | Init Weight |
|------|----------------------|----------|---------|------------|-------------|
| No.  | Туре                 | Ft.      | m       | Lbs.       | kg          |

#### **TPE TV Camera**

| 28-conductor |                   |       |       |       |
|--------------|-------------------|-------|-------|-------|
| 8286         | 500 <sup>†</sup>  | 152.4 | 163.0 | 73.9  |
|              | 1000 <sup>†</sup> | 304.8 | 323.0 | 146.5 |

† Spools are one piece, but length may vary -0% to +20% from length shown.



### **Remote Control and Video Cable**

13-Conductor

### **Product Description**

Recommended for use in installations requiring external drive signals, tallies, intercom, switching and video operations. UL recognized component (Style 2594). Passes VW-1 Vertical Wire Flame Test.

- (12) Conductors 20 AWG: (7x28) Tinned copper, PVC insulation, color coded.
- (1) 75 Ohm Coaxial 22 AWG: (7x30) .031" (.79mm) tinned copper. Foam polyethylene insulation. Core OD .146" (3.71mm). Bare copper braid shield (95% coverage). Black PVC jacket. Coax OD .208" (5.28mm).

Overall: Tinned copper braid shield (80% coverage). Gray PVC jacket.

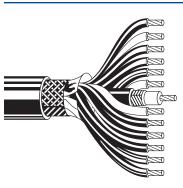
### **Specifications**

| Conductor                |                         |
|--------------------------|-------------------------|
| (12) Conductors          | Tinned Copper           |
| (1) Coax                 | Tinned Copper           |
| Insulation               |                         |
| Conductors               | PVC                     |
| Coax                     | Foam PE                 |
| Shield                   |                         |
| (12) Conductors          | Unshielded              |
| (1) Coax                 | 95% Bare Copper Braid   |
| Overall                  | 80% Tinned Copper Braid |
| Jacket                   | Gray PVC                |
| Nominal OD               | .406" (11.70mm)         |
| Nominal Impedance (Coax) | 75Ω                     |
| Temperature Rating       | 60°C/75°C (UL)          |
| Approvals/Rating         |                         |
| UL AWM Style             | 2594                    |
| NEC Rating               | CL2X                    |

| Part | UL NEC/<br>C(UL) CEC | Standard | Lengths | Standard L | Init Weight |
|------|----------------------|----------|---------|------------|-------------|
| No.  | Туре                 | Ft.      | m       | Lbs.       | kg          |

### **Remote Control and Video**

| 13-co | nductor |      |       |       |      |
|-------|---------|------|-------|-------|------|
| 9262  | NEC     | 100  | 30.5  | 15.0  | 6.8  |
|       | CL2X    | 1000 | 304.8 | 160.0 | 72.6 |



## **Composite Camera Cable**

Television Camera and CCTV Cables



### **Audio and Video Composite Cable**

3 Paired, RG-59U Type

#### **Product Description**

Recommended for Electronic News Gathering (ENG) applications.

- (3) Pairs 22 AWG: (7x30) Tinned copper, polypropylene insulation. Nominal insulated conductor OD .046" (1.17 mm). Individually Beldfoil® shielded with drain wire. PVC jacket, OD .125" (3.20mm). Jacket colors: Brown, Red and Orange. Nominal impedance: 50Ω. Nominal velocity of propagation: 66%. Nominal capacitance: 32 pF/ft. (105 pF/m)\*, 58 pF/ft. (191 pF/m)\*\*.
- (2) 75 Ohm Coaxial Cables 25 AWG: (7x33) .021" (.53mm) Bare copper. Foam polyethylene insulation. Nominal Core OD .100" (2.54mm). Duofoil® plus tinned copper braid shield (95% coverage). PVC Jacket OD .160" (4.06mm). Jacket colors: Red and Black. Nominal Impedance: 75 $\Omega$ . Nominal velocity of propagation: 78%. Nominal capacitance: 17.3 pF/ft. (56.8 pF/m). Nominal attenuation value for respective frequencies:

| 1 MHz   | .5 db/100 ft.   | 1.5 db/100m  |
|---------|-----------------|--------------|
| 5 MHz   | 1.1 db/100 ft.  | 3.6 db/100m  |
| 10 MHz  | 1.5 db/100 ft.  | 4.9 db/100m  |
| 50 MHz  | 3.2 db/100 ft.  | 10.5 db/100m |
| 100 MHz | 4.3 db/100 ft.  | 14.1 db/100m |
| 300 MHz | 10.6 db/100 ft. | 34.8 db/100m |
| 500 MHz | 13.8 db/100 ft  | 45.3 db/100m |

Overall: Matte Black PVC jacket.

#### **Specifications**

| Conductor                |                     |
|--------------------------|---------------------|
| (3) Pairs                | Tinned Copper       |
| · /                      |                     |
| (2) Coax                 | Bare Copper         |
| Insulation               |                     |
| Pairs                    | Polypropylene       |
| Coax                     | Foam Polyethylene   |
| Shield                   |                     |
| (3) 22 AWG Pairs         | Beldfoil            |
| (2) Coax                 | Tinned Copper Braid |
| Jacket                   | Matte Black PVC     |
| Nominal OD               | .492" (12.50mm)     |
| Nominal Impedance (Coax) | 75Ω                 |
| *01                      |                     |

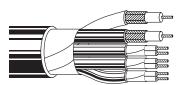
<sup>\*</sup>Capacitance between conductors.

<sup>\*\*</sup>Capacitance between one conductor and other conductors connected to shield.

| No C(UL) C | UL NEC/<br>C(UL) CEC | Standard Lengths |   | Standard Unit Weight |    |
|------------|----------------------|------------------|---|----------------------|----|
|            | Туре                 | Ft.              | m | Lbs.                 | kg |

#### **Audio and Video Composite Cable**

| RG-59/U Type • 3 Paired |      |       |       |      |  |  |
|-------------------------|------|-------|-------|------|--|--|
| 1263B                   | 500  | 152.4 | 58.5  | 26.6 |  |  |
|                         | 1000 | 304.8 | 113.0 | 51.4 |  |  |



#### **Camera Extension Cable**

13-Conductor

#### **Product Description**

UL Recognized Component (Style 2497). Recommended for remote control, closed circuit and cue line applications. Style 2497 is specified for the Dage 800 and other similar cameras. Passes VW-1 Vertical Wire Flame Test.

- (2) Conductors 20 AWG: (10x30) Tinned copper, PVC insulation, color coded, twisted pair, Mylar® tape wrapped.
- (9) Conductors 22 AWG: (7x30) Tinned copper, PVC insulation. (2) conductors cabled with Beldfoil shield. (2) conductors cabled, unshielded. (5) conductors unshielded.
- (2) 75 Ohm Coaxial Cables 26 AWG: (7x34) .019" (.48mm) bare copper-covered steel. Foam high-density polyethylene insulation. Core OD .088" (2.24mm). Tinned copper braid shield (95% coverage). PVC jacket, color coded. Coax OD .142" (3.61mm).

**Overall:** Tinned copper braid shield (85% coverage). Chrome PVC jacket.

#### **Specifications**

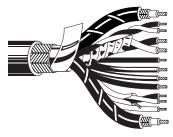
| Conductor                |                           |
|--------------------------|---------------------------|
| (11) Conductors          | Tinned Copper             |
| (2) Coax                 | Bare Copper-covered Steel |
| Insulation               |                           |
| Conductors               | PVC                       |
| Coax                     | Foam PE                   |
| Shield                   |                           |
| (7) Conductors           | Unshielded                |
| (2) Conductors           | Beldfoil                  |
| (2) Conductors           | Mylar Tape                |
| (2) Coax                 | 95% Tinned Copper Braid   |
| Overall                  | 85% Tinned Copper Braid   |
| Jacket                   | Chrome PVC                |
| Nominal OD               | .550" (13.97mm)           |
| Nominal Impedance (Coax) | 75Ω                       |
| Temperature Rating       | 60°C                      |
| Approvals/Rating         |                           |
| UL AWM Style             | 2497                      |
| NEC Rating               | CL2X                      |

| Part<br>No. | UL NEC/<br>C(UL) CEC<br>Type | Standard Lengths |   | Standard Unit Weight |    |
|-------------|------------------------------|------------------|---|----------------------|----|
|             |                              | Ft.              | m | Lbs.                 | kg |

#### **Camera Extension Cable**

| 13-con | ductor |                   |       |       |      |
|--------|--------|-------------------|-------|-------|------|
| 9254   | NEC    | 250 <sup>†</sup>  | 30.5  | 45.5  | 20.7 |
|        | CL2X   | 1000 <sup>†</sup> | 304.8 | 177.0 | 80.5 |

†Spools are one piece, but length may vary -0% to +20% from length shown.



Mylar is a DuPont trademark.



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