

Line Level Analog Audio Cable

Single-Pair Cables




Belden analog audio cables are used for connecting line level audio equipment in either permanent or semi-permanent installations. They consist of one or two individually foil-shielded, twisted pairs. Once installed, they are not intended to be moved while in service. For cables that are in motion during use, refer to the Microphone and Musical Instrument Cable section in this catalog.

no. 8451 utilizes a paper tape separator to facilitate easy long length jacket stripping. Part no. 9451 comes with a bonded Beldfoil® shield so that the shield and jacket strip simultaneously. A special matte PVC jacket material is employed on part no. 1508A making it a highly flexible construction. Double pair cables are available in a round construction (part no. 8723) or in a ZIP cord style (part no. 1504A) for easy separation in two-channel or stereo hook-ups.

Belden's analog audio cable offering consists of a selection of designs to handle a variety of audio applications. Belden part


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

24 AWG Stranded (7x32) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire
Polypropylene Insulation • PVC Jacket (Available in Brown, Red, Green, Lt. Blue, Purple, Gray, White or Black)

| | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|---|--------|-------------------|---------|------|-----|---|-----|------|-----|------|------|----|-----|----|-----|
|  300V RMS 60°C Z-Fold® | 1883A | NEC: | 1 | Black, | U-1000 | U-304.8 | 11.0 | 5.0 | .008 | .20 | .020 | .51 | .123 | 3.12 | 31 | 102 | 58 | 190 |
| | | CMR | | Red | 1000 [▲] | 304.8 | 11.0 | 5.0 | For cross-connect use with 1408R (et al.) Snake Cables, see page 19.18. | | | | | | | | | |
| | | CEC: | | | | | | | | | | | | | | | | |
| | | CMG FT4 | | | | | | | | | | | | | | | | |


▲1000 ft. put-up available in Gray only.
 Jacket and shield are bonded so both can be removed with automatic stripping equipment.

Polyolefin Insulation • Black Matte PVC Jacket


| | | | | | | | | | | | | | | | | | | |
|---|--------------|------|---|--------|------|-------|------|-----|---|-----|------|-----|------|------|----|-----|----|-----|
|  High-Flex 300V RMS 60°C | 1508A | NEC: | 1 | Black, | 500 | 152.4 | 6.5 | 2.9 | .008 | .20 | .024 | .61 | .131 | 3.33 | 31 | 102 | 58 | 190 |
| | | CM | | Red | 1000 | 304.8 | 11.0 | 5.0 | For cross-connect use with 1408R (et al.) Snake Cables, see page 19.18. | | | | | | | | | |
| | | CEC: | | | | | | | | | | | | | | | | |
| | | CM | | | | | | | | | | | | | | | | |

Jacket and shield are bonded so both can be removed with automatic stripping equipment.


24 AWG Stranded (7x32) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage)^{††} • 24 AWG Stranded TC Drain Wire
Polyethylene Insulation • Chrome PVC Jacket

| | | | | | | | | | | | | | | | | | | |
|--|-------------|------|---|--------|--------|---------|------|------|--|-----|------|-----|------|------|----|----|----|-----|
|  Low-Capacitance UL AWM Style 2092 (300V RMS 60°C) | 8641 | NEC: | 1 | Black, | 100 | 30.5 | 2.3 | 1.0 | .016 | .41 | .025 | .64 | .168 | 4.27 | 22 | 72 | 42 | 138 |
| | | CM | | Clear | U-500 | U-152.4 | 7.5 | 3.4 | For Plenum versions of 8641, see 88641 or 82641. | | | | | | | | | |
| | | CEC: | | | 500 | 152.4 | 7.0 | 3.2 | | | | | | | | | | |
| | | CM | | | U-1000 | U-304.8 | 14.0 | 6.4 | | | | | | | | | | |
| | | | | | 1000 | 304.8 | 14.0 | 6.4 | | | | | | | | | | |
| | | | | | 2000 | 609.6 | 28.0 | 12.7 | | | | | | | | | | |

Plenum • FEP Insulation • Red FEP Jacket

| | | | | | | | | | | | | | | | | | | |
|--|--------------|---------|---|--------|-------------------|-------|-----|-----|------|-----|------|-----|------|------|----|-----|----|-----|
|  300V RMS 200°C, Non-conduit | 88641 | NEC: | 1 | Black, | 100 | 30.5 | 2.4 | 1.1 | .006 | .15 | .014 | .36 | .106 | 2.69 | 31 | 102 | 59 | 194 |
| | | CMP | | Red | 500 [†] | 152.4 | 6.0 | 2.7 | | | | | | | | | | |
| | | CEC: | | | 1000 [†] | 304.8 | 9.0 | 4.1 | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | |

Plenum • FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|---|--------|----------------------|---------|-----|-----|------|-----|------|-----|------|------|----|-----|----|-----|--|
|  300V RMS 60°C, Non-conduit | 82641 | NEC: | 1 | Black, | U-1000 ^{††} | U-304.8 | 9.0 | 4.1 | .006 | .15 | .014 | .36 | .106 | 2.69 | 31 | 102 | 59 | 194 | |
| | | CMP | | Red | 1000 ^{††} | 304.8 | 8.0 | 3.6 | | | | | | | | | | | |
| | | CEC: | | | | | | | | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | | |

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

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

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

††Length may vary ±10% for UnReel.



Line Level Analog Audio Cable

Single-Pair Cables



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

22 AWG Stranded (7x30) TC Conductors • Twisted Pair • Overall Beldfoil® Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire

Polypropylene Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

| | | | | | | | | | | | | | | | | | |
|---------------|--------------|--------------------------|---|---------------|-----------------------------|------------------|--------------|------------|-------------|-------------|--------------|----------|-----------|--|--|--|--|
| 300V RMS 60°C | 1266A | NEC: CM CEC: CM | 1 | Black, Red | U-1000 1000 [▲] | U-304.8 304.8 | 15.0 15.0 | 6.8 6.8 | .010 .25 | .020 .51 | .143 3.63 | 30 99 | 54 177 | | | | |
|---------------|--------------|--------------------------|---|---------------|-----------------------------|------------------|--------------|------------|-------------|-------------|--------------|----------|-----------|--|--|--|--|

[▲]1000 ft. put-up available in Black only.

Unique design features lower capacitance and greater flexibility than standard audio pair constructions.

PVC Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

| | | | | | | | | | | | | | | | | | |
|---------------|--------------|--------------------------|---|---------------|--------|---------|------|-----|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| 300V RMS 90°C | 1503A | NEC: CM CEC: CM | 1 | Black, Red | U-1000 | U-304.8 | 16.0 | 7.3 | .010 .25 | .020 .51 | .142 3.61 | 53 174 | 97 318 | | | | |
|---------------|--------------|--------------------------|---|---------------|--------|---------|------|-----|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

22 AWG Stranded (7x30) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire

Polypropylene Insulation • Paper Wrap • Gray or Black PVC Jacket

| | | | | | | | | | | | | | | | | | |
|---------------|-------------|--------------------------------|---|---------------|--|--|-----------------------------------|---------------------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| 300V RMS 75°C | 8451 | NEC: CMR CEC: CMG FT4 | 1 | Black, Red | 100 [▼] U-500 500 1000 | 30.5 U-152.4 152.4 U-304.8 304.8 | 2.3 8.5 8.0 16.0 16.0 | 1.1 3.9 3.6 7.3 7.3 | .008 .20 | .020 .51 | .138 3.51 | 34 111 | 67 220 | | | | |
|---------------|-------------|--------------------------------|---|---------------|--|--|-----------------------------------|---------------------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

[▼]100 ft. put-up available in Black only.

Unique paper separator facilitates jacket stripping.

Polypropylene Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

| | | | | | | | | | | | | | | | | | |
|---------------|-------------|--------------------------------|---|---------------|---|--|------------------------------------|----------------------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| 300V RMS 75°C | 9451 | NEC: CMR CEC: CMG FT4 | 1 | Black, Red | U-500* 500* T-1000* U-1000 5000 | U-152.4 152.4 T-304.8 U-304.8 1524.0 | 8.5 8.0 18.0 15.0 75.0 | 3.9 3.6 8.2 6.8 34.0 | .008 .20 | .020 .51 | .135 3.43 | 35 115 | 67 220 | | | | |
|---------------|-------------|--------------------------------|---|---------------|---|--|------------------------------------|----------------------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

*U-500 ft., 500 ft. and T-1000 ft. put-ups available in Gray only.

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

For cross-connect use with 1814R (et al.) Snake Cables, see page 19.21

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket

| | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|---|---|---------------|------|-------|------|-----|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| LSZH and ABS Type Approved 300V RMS 105°C | 9451SB <small>new</small> | NEC: CMG-LS CEC: CMG-LS FT4 Limited Smoke | 1 | Black, Red | 1000 | 304.8 | 20.0 | 9.1 | .008 .20 | .032 .81 | .160 4.06 | 35 114 | 67 220 | | | | |
|--|-------------------------------------|---|---|---------------|------|-------|------|-----|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

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

| | | | | | | | | | | | | | | | | | |
|---------------|------------------------------------|--------------------------------|---|---------------|----------------|-------------------|--------------|-------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| 300V RMS 60°C | 9451P <small>new</small> | NEC: CMP CEC: CMP FT6 | 1 | Black, Red | U-1000 5000 | U-304.8 1524.0 | 16.0 75.0 | 7.3 34.0 | .007 .18 | .017 .43 | .127 3.23 | 35 115 | 67 220 | | | | |
|---------------|------------------------------------|--------------------------------|---|---------------|----------------|-------------------|--------------|-------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

22 AWG Solid Tinned Copper Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 22 AWG Solid TC Drain Wire

Polypropylene Insulation • Gray or Black PVC Jacket

| | | | | | | | | | | | | | | | | | |
|---------------|-------------|--------------------------|---|---------------|---------------------------|-----------------------------|---------------------|-------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|
| 300V RMS 75°C | 8450 | NEC: CM CEC: CM | 1 | Black, Red | U-500* U-1000* 1000 | U-152.4 U-304.8 304.8 | 7.5 14.0 13.0 | 3.4 6.4 5.9 | .007 .18 | .018 .46 | .118 3.00 | 40 131 | 76 249 | | | | |
|---------------|-------------|--------------------------|---|---------------|---------------------------|-----------------------------|---------------------|-------------------|-------------|-------------|--------------|-----------|-----------|--|--|--|--|

*U-500 ft. and U-1000 ft. put-ups available in Black only.

Belden's Miniature Type Broadcast Audio and Instrumentation Cables occupy 1/2 to 2/3 less space than standard cables.

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

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



Line Level Analog Audio Cable

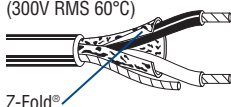
Single-Pair Cables



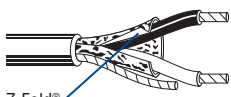
19 • Brilliance® Broadcast


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

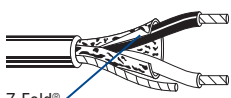
22 AWG Stranded (7x30) TC Conductors • Twisted Pair • Overall Beldfoil® Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire


| Polyethylene Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|--------|-------|-----------------|--------|---------|------|------|------|-----|------|-----|------|------|----|----|----|-----|--|--|--|
| Low-Capacitance UL AWM Style 2092 (300V RMS 60°C)  Z-Fold® | 8761 | NEC: | 1 | Black, Clear | U-500 | U-152.4 | 9.0 | 4.1 | .016 | .41 | .025 | .64 | .175 | 4.45 | 24 | 79 | 47 | 154 | | | |
| | | CM | | | 500 | 152.4 | 9.0 | 4.1 | | | | | | | | | | | | | |
| | | CEC: | | | U-1000 | U-304.8 | 17.0 | 7.7 | | | | | | | | | | | | | |
| | | CM | | | 1000 | 304.8 | 18.0 | 8.2 | | | | | | | | | | | | | |
| | | | | | 2000 | 609.6 | 36.0 | 16.3 | | | | | | | | | | | | | |
| | | | | | 5000 | 1524.0 | 90.0 | 40.9 | | | | | | | | | | | | | |
| | 10000†† | 3048.0 | 170.0 | 77.3 | | | | | | | | | | | | | | | | | |

For Plenum versions of 8761, see 88761, 87761 or 82761.

| Plenum • FEP Insulation • Red FEP Jacket | | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|---|---------------|---------|---------|------|-----|------|-----|------|-----|------|------|----|-----|----|-----|--|--|
| 300V RMS 200°C  Z-Fold® | 88761 | NEC: | 1 | Black, Red | 100 | 30.5 | 2.7 | 1.2 | .006 | .15 | .014 | .36 | .119 | 3.02 | 35 | 115 | 67 | 220 | | |
| | | CMP | | | U-500▲ | U-152.4 | 7.5 | 3.4 | | | | | | | | | | | | |
| | | CEC: | | | 500† | 152.4 | 7.5 | 3.4 | | | | | | | | | | | | |
| | | CMP FT6 | | | U-1000▲ | U-304.8 | 15.0 | 6.8 | | | | | | | | | | | | |
| | | | | | 1000† | 304.8 | 12.0 | 5.4 | | | | | | | | | | | | |


| Plenum • FEP Insulation • Red Fluoropolymer Jacket | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|---|---------------|-------|-------|------|-----|------|-----|------|-----|------|------|----|-----|----|-----|--|
| 300V RMS 150°C  Z-Fold® | 87761 | NEC: | 1 | Black, Red | 500† | 152.4 | 7.0 | 3.2 | .006 | .15 | .014 | .36 | .116 | 2.95 | 35 | 115 | 67 | 220 | |
| | | CMP | | | 1000† | 304.8 | 11.0 | 5.0 | | | | | | | | | | | |
| | | CEC: | | | | | | | | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | | |

| Plenum • FEP Insulation • Natural Flamarrest® Jacket | | | | | | | | | | | | | | | | | | |
|--|--------------|---------|---|---------------|---------|---------|------|-----|------|-----|------|-----|------|------|----|-----|----|-----|
| 300V RMS 75°C  Z-Fold® | 82761 | NEC: | 1 | Black, Red | U-500▲ | U-152.4 | 7.0 | 3.2 | .006 | .15 | .014 | .36 | .116 | 2.95 | 35 | 115 | 67 | 220 |
| | | CMP | | | U-1000■ | U-304.8 | 14.0 | 6.4 | | | | | | | | | | |
| | | CEC: | | | 1000† | 304.8 | 11.0 | 5.0 | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | |

| Polyethylene Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | |
|---|-------------|------|---|-----------------|--------|---------|------|-----|------|-----|------|-----|------|------|----|----|----|-----|
| Low-Capacitance UL AWM Style 2092 (300V RMS 60°C)  Z-Fold® | 9461 | NEC: | 1 | Black, Clear | U-500 | U-152.4 | 11.0 | 5.0 | .016 | .41 | .026 | .66 | .180 | 4.57 | 24 | 79 | 47 | 154 |
| | | CM | | | U-1000 | U-304.8 | 21.0 | 9.6 | | | | | | | | | | |
| | | CEC: | | | | | | | | | | | | | | | | |
| | | CM | | | | | | | | | | | | | | | | |

The jacket and shield are bonded so both can be removed on automatic stripping equipment.

22 AWG Stranded (7x30) Tinned Copper Conductors • Twisted Pair • Tinned Copper Spiral Wrapped Shield (85% Coverage)

| PVC Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | |
|---|-------------|---------|---|---------------|--------|---------|------|-----|------|-----|------|-----|------|------|----|-----|----|-----|
| UL AWM Style 2095 (300V RMS 80°C)  Z-Fold® | 8737 | NEC: | 1 | Black, Red | U-500 | U-152.4 | 10.5 | 4.8 | .015 | .38 | .025 | .64 | .180 | 4.57 | 40 | 131 | 70 | 230 |
| | | CMG | | | 500 | 152.4 | 10.0 | 4.5 | | | | | | | | | | |
| | | CEC: | | | U-1000 | U-304.8 | 20.0 | 9.1 | | | | | | | | | | |
| | | CMG FT4 | | | 1000 | 304.8 | 20.0 | 9.1 | | | | | | | | | | |

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

* Capacitance between conductors.

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

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

†† Length may vary -10% to +20% and may contain 2 pieces. Minimum length of any piece is 1500 ft.

▲ Length may vary ±10% for UnReel® cartons.

■ Length may vary -10% to +5% from length shown.



Line Level Analog Audio Cable

Double-Pair Cables



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

22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • Individual Beldfoil® Shield (100% Coverage) • Stranded TC Common Drain Wire

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

| | | | | | | | | | | | | | | | | |
|----------------|---------------|-------------|-------------------------|---------------------------|--|--|--|---|-----------|----------|--------|--------------|------------|-----------|-----------|-----|
| <p>Z-Fold®</p> | 300V RMS 60°C | 8723 | NEC: 2 CM CEC: CM | Red/Black, Green/White | 100 U-500 500 U-1000 1000 1640 U-2000 2000 3280 5000 10000 | 30.5 U-152.4 152.4 U-304.8 304.8 499.9 U-609.6 609.6 999.7 1524.0 3048.0 | 2.3 10.5 10.0 20.0 20.0 32.8 38.0 40.0 65.6 95.0 200.0 | 1.0 4.8 4.5 9.1 9.1 14.9 17.2 18.2 29.8 43.2 90.9 | .008 — | .20 — | — — | .160 .406 | 35 4.06 | 115 62 | 62 203 | 203 |
|----------------|---------------|-------------|-------------------------|---------------------------|--|--|--|---|-----------|----------|--------|--------------|------------|-----------|-----------|-----|

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

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

| | | | | | | | | | | | | | | | | | |
|----------------|---|-------------------------------------|--|-------------------------------|------|-------|------|------|---|---|---|------|------|----|-----|----|-----|
| <p>Z-Fold®</p> | LSZH and ABS Type Approved 300V RMS 60°C | 8723SB <small>new</small> | NEC: 2 CMG-LS CEC: CMG-LS FT4 Limited Smoke | Red & Black, Green & White | 1000 | 304.8 | 26.0 | 11.8 | — | — | — | .196 | 4.98 | 35 | 115 | 62 | 203 |
|----------------|---|-------------------------------------|--|-------------------------------|------|-------|------|------|---|---|---|------|------|----|-----|----|-----|

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket

| | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------------|--|------------------------------------|-------|-------|------|------|------|-----|---|------|------|----|----|----|-----|
| <p>Z-Fold®</p> | LSZH and ABS Type Approved 300V RMS | 8777SB <small>new</small> | NEC: 3 CMG-LS CEC: CMG-LS FT4 Limited Smoke | See Chart 3 (Tech Info Section) | 1000† | 304.8 | 39.0 | 17.7 | .010 | .25 | — | .273 | 6.93 | 30 | 98 | 55 | 180 |
|----------------|--|-------------------------------------|--|------------------------------------|-------|-------|------|------|------|-----|---|------|------|----|----|----|-----|

Plenum • FEP Insulation • Red FEP Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

| | | | | | | | | | | | | | | | | | |
|----------------|----------------|--------------|-------------------------------|---------------------------|-----------------------|------------------------|---------------------|-------------------|------|-----|---|------|------|----|-----|----|-----|
| <p>Z-Fold®</p> | 300V RMS 200°C | 88723 | NEC: 2 CMP CEC: CMP FT6 | Red/Black, Green/White | 100† 500† 1000† | 30.5 152.4 304.8 | 3.4 11.0 19.0 | 1.5 5.0 8.6 | .006 | .15 | — | .148 | 3.76 | 35 | 115 | 67 | 220 |
|----------------|----------------|--------------|-------------------------------|---------------------------|-----------------------|------------------------|---------------------|-------------------|------|-----|---|------|------|----|-----|----|-----|

Plenum • FEP Insulation • Red Fluorocopolymer Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

| | | | | | | | | | | | | | | | | | |
|----------------|----------------|--------------|-------------------------------|---------------------------|---------------|----------------|--------------|------------|------|-----|---|------|------|----|-----|----|-----|
| <p>Z-Fold®</p> | 300V RMS 150°C | 87723 | NEC: 2 CMP CEC: CMP FT6 | Red/Black, Green/White | 500† 1000† | 152.4 304.8 | 11.0 18.0 | 5.0 8.2 | .006 | .15 | — | .148 | 3.76 | 35 | 115 | 67 | 220 |
|----------------|----------------|--------------|-------------------------------|---------------------------|---------------|----------------|--------------|------------|------|-----|---|------|------|----|-----|----|-----|

Plenum • FEP Insulation • Natural Flamarrest® Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

| | | | | | | | | | | | | | | | | | |
|----------------|---------------|--------------|-------------------------------|---------------------------|---------------------------------------|--|------------------------------|---------------------------|------|-----|---|------|------|----|-----|----|-----|
| <p>Z-Fold®</p> | 300V RMS 75°C | 82723 | NEC: 2 CMP CEC: CMP FT6 | Red/Black, Green/White | U-500† U-1000† 1000† U-2000† | U-152.4 U-304.8 304.8 U-609.6 | 10.5 20.0 19.0 40.0 | 4.8 9.1 8.6 18.1 | .006 | .15 | — | .153 | 3.89 | 43 | 141 | 75 | 246 |
|----------------|---------------|--------------|-------------------------------|---------------------------|---------------------------------------|--|------------------------------|---------------------------|------|-----|---|------|------|----|-----|----|-----|

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

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

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

Line Level Analog Audio Cable

Single- and Double-Pair Cables



19 • Brilliance® Broadcast

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

22 AWG Stranded (19x34) TC Conductors • Dual Twisted Pairs • Overall Beldfoil® Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire
PVC Insulation • PVC Jacket in Zip-Cord Construction (Red & Green, Red & Black, Red & Purple or Red & Gray)

| | | | | | | | | | | | | | | | | | | | | |
|--|--------------|---------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|------|-----|-----|-----|--|
| | 1504A | 150V RMS 60°C | NEC: | 2 | Black, | U-1000 | U-304.8 | 32.0 | 14.5 | .010 | .25 | .020 | .51 | .143 | 3.63 | 57 | 187 | 100 | 328 | |
| | | CM | CEC: | | Red | 2000 ▲ | 609.8 | 64.0 | 29.0 | | | | | | x | x | | | | |
| | | CM | | | | | | | | | | | | | .286 | 7.26 | | | | |

*2000 ft. put-up available in Red & Gray or Red & Green only.
 The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

22 AWG Stranded (7x30) TC Conductors • Dual Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire
Polyolefin Insulation • PVC Jacket in Zip-Cord Construction (Red & Green, Red & Gray, Red & Black or Red & Purple)

| | | | | | | | | | | | | | | | | | | | | |
|--|--------------|----------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|------|-----|----|-----|--|
| | 9451D | 300V RMS 105°C | NEC: | 2 | Black, | U-1000 | U-304.8 | 29.0 | 13.2 | .008 | .20 | .020 | .51 | .135 | 3.43 | 34 | 112 | 67 | 220 | |
| | | CMR | CEC: | | Red | 2000 * | 620.8 | 62.0 | 28.1 | | | | | | x | x | | | | |
| | | CMG FT4 | | | | | | | | | | | | | .270 | 6.86 | | | | |

*2000 ft. put-up available in Red & Green only.
 The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

Plenum • FEP Insulation • White Flamarrest® Jacket in Zip-Cord Construction

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|---------------|------|---|---------|------|-------|------|------|------|-----|------|-----|------|------|------|-----|----|-----|--|
| | 9451DP <small>new</small> | 300V RMS 60°C | NEC: | 2 | Black & | 1000 | 304.8 | 24.0 | 10.9 | .007 | .18 | .017 | .43 | .127 | 3.23 | 35 | 115 | 67 | 220 | |
| | | CMP | CEC: | | Red, | | | | | | | | | | x | x | | | | |
| | | CMP FT6 | | | Black & | | | | | | | | | | .269 | 6.83 | | | | |

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

20 AWG Stranded (7x28) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire
PVC Insulation • Beige PVC Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------------------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|----|-----|-----|-----|--|
| | 9154 | UL AWM Style 2464 (300V RMS 80°C) | NEC: | 1 | Black, | U-500 | U-152.4 | 11.5 | 5.2 | .014 | .36 | .031 | .79 | .198 | 5.03 | 60 | 197 | 100 | 328 | |
| | | CMG | CEC: | | Red | 500 | 152.4 | 12.0 | 5.5 | | | | | | | | | | | |
| | | Z-Fold® | | | | U-1000 | U-304.8 | 22.0 | 10.0 | | | | | | | | | | | |
| | | | | | | 1000 | 304.8 | 23.0 | 10.5 | | | | | | | | | | | |

9154 has 22 AWG stranded tinned copper drain wire.

Polyethylene Insulation • Chrome PVC Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------------------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|----|----|----|-----|--|
| | 8762 | UL AWM Style 2092 (300V RMS 60°C) | NEC: | 1 | Black, | 100 | 30.5 | 3.2 | 1.5 | .016 | .41 | .028 | .71 | .204 | 5.18 | 27 | 89 | 49 | 161 | |
| | | CM | CEC: | | Clear | 250 | 76.2 | 6.3 | 2.8 | | | | | | | | | | | |
| | | | | | | U-500 | U-152.4 | 12.0 | 5.5 | | | | | | | | | | | |
| | | | | | | 500 | 152.4 | 12.0 | 5.5 | | | | | | | | | | | |
| | | | | | | U-1000 | U-304.8 | 23.0 | 10.5 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------------------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|----|----|----|-----|
| | 9464 | UL AWM Style 2092 (300V RMS 60°C) | NEC: | 1 | Black, | U-500 | U-152.4 | 17.0 | 7.7 | .016 | .41 | .035 | .89 | .214 | 5.44 | 27 | 89 | 49 | 161 |
| | | CM | CEC: | | Clear | U-1000 | U-304.8 | 32.0 | 14.5 | | | | | | | | | | |
| | | CM | | | | | | | | | | | | | | | | | |

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield.

20 AWG Stranded (7x28) Tinned Copper Conductors • Twisted Pair • Tinned Copper Spiral Wrapped Shield (89% Coverage)
PVC Insulation • Chrome PVC Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------------------------|------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|----|-----|----|-----|--|
| | 8759 | UL AWM Style 2095 (300V RMS 80°C) | NEC: | 1 | Black, | U-500 | U-152.4 | 12.5 | 5.7 | .016 | .41 | .025 | .64 | .199 | 5.05 | 47 | 154 | 79 | 259 | |
| | | CMG | CEC: | | Red | U-1000 | U-304.8 | 24.0 | 10.9 | | | | | | | | | | | |
| | | | | | | 1000 | 304.8 | 25.0 | 11.4 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

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



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

Line Level Analog Audio Cable

Single-Pair Cables



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

18 AWG Stranded (16x30) TC Conductors • Twisted Pair • Overall Beldfoil® Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire

Polyethylene Insulation • Chrome PVC Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|---|-----------------|--------|---------|------|------|------|-----|------|-----|------|------|----|----|----|-----|--|--|
| Low-Capacitance UL AWM Style 2092 (300V RMS 60°C) | 9460 | NEC: | 1 | Black, Clear | U-500 | U-152.4 | 18.5 | 8.4 | .019 | .48 | .030 | .76 | .230 | 5.84 | 30 | 98 | 44 | 144 | | |
| | | CM | | | U-1000 | U-304.8 | 36.0 | 16.4 | | | | | | | | | | | | |
| | | CEC: CM | | | | | | | | | | | | | | | | | | |



The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield.

| | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------|-------|-----------------|--------|---------|-------|------|------|-----|------|-----|------|------|----|----|----|-----|--|--|--|
| Low-Capacitance UL AWM Style 2092 (300V RMS 60°C) | 8760 | NEC: | 1 | Black, Clear | 250 | 76.2 | 6.8 | 3.1 | .019 | .48 | .028 | .71 | .222 | 5.64 | 30 | 98 | 44 | 144 | | | |
| | | CM | | | U-500 | U-152.4 | 13.5 | 6.1 | | | | | | | | | | | | | |
| | | CEC: | | | 500 | 152.4 | 13.0 | 5.9 | | | | | | | | | | | | | |
| | | CM | | | U-1000 | U-304.8 | 25.0 | 11.3 | | | | | | | | | | | | | |
| | | | | | 1000 | 304.8 | 26.0 | 11.8 | | | | | | | | | | | | | |
| | | | | | 2000 | 609.6 | 50.0 | 22.7 | | | | | | | | | | | | | |
| | | | | | 5000 | 1524.0 | 135.0 | 61.4 | | | | | | | | | | | | | |
| | 10000 | 3048.0 | 260.0 | 118.2 | | | | | | | | | | | | | | | | | |



Shorting Fold

For Plenum versions of 8760, see 88760, 87760 or 82760.

18 AWG Stranded (19x30) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire

Plenum • FEP Insulation • Red FEP Jacket

| | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|---------|-------|---------------|---------|---------|------|------|------|-----|------|-----|------|------|----|-----|----|-----|--|--|
| 300V RMS 200°C | 88760 | NEC: | 1 | Black, Red | 100 | 30.5 | 3.7 | 1.7 | .007 | .18 | .014 | .36 | .153 | 3.89 | 51 | 167 | 97 | 318 | | |
| | | CMP | | | U-500† | U-152.4 | 12.5 | 5.7 | | | | | | | | | | | | |
| | | CEC: | | | 500† | 152.4 | 11.0 | 5.0 | | | | | | | | | | | | |
| | | CMP FT6 | | | U-1000† | U-304.8 | 24.0 | 10.9 | | | | | | | | | | | | |
| | | 1000† | 304.8 | 22.0 | 10.0 | | | | | | | | | | | | | | | |



Z-Fold®

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

| | | | | | | | | | | | | | | | | | | |
|----------------|--------------|---------|---|---------------|--------|---------|------|-----|------|-----|------|-----|------|------|----|-----|----|-----|
| 300V RMS 150°C | 87760 | NEC: | 1 | Black, Red | U-500† | U-152.4 | 12.5 | 5.7 | .007 | .18 | .014 | .36 | .150 | 3.81 | 51 | 167 | 97 | 318 |
| | | CMP | | | 500† | 152.4 | 10.5 | 4.8 | | | | | | | | | | |
| | | CEC: | | | 1000† | 304.8 | 21.0 | 9.5 | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | |



Z-Fold®

Plenum • FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | |
|---------------|--------------|---------|---|---------------|----------|---------|------|------|------|-----|------|-----|------|------|----|-----|----|-----|
| 300V RMS 75°C | 82760 | NEC: | 1 | Black, Red | U-500† | U-152.4 | 12.0 | 5.5 | .007 | .18 | .014 | .36 | .150 | 3.81 | 51 | 167 | 97 | 318 |
| | | CMP | | | U-1000†† | U-304.8 | 22.0 | 10.0 | | | | | | | | | | |
| | | CEC: | | | 1000† | 304.8 | 21.0 | 9.5 | | | | | | | | | | |
| | | CMP FT6 | | | | | | | | | | | | | | | | |



Z-Fold®

18 AWG Stranded (7x26) Tinned Copper Conductors • Twisted Pair • Tinned Copper Spiral Wrapped Shield (85% Coverage)

PVC Insulation • Chrome PVC Jacket

| | | | | | | | | | | | | | | | | | | |
|---------------|-------------|---------|---|---------------|--------|---------|------|------|------|-----|------|-----|------|------|----|-----|----|-----|
| 300V RMS 60°C | 8790 | NEC: | 1 | Red, White | U-500 | U-152.4 | 17.5 | 7.9 | .022 | .56 | .028 | .71 | .241 | 6.12 | 53 | 174 | 92 | 302 |
| | | CMG | | | 500 | 152.4 | 17.0 | 7.7 | | | | | | | | | | |
| | | CEC: | | | U-1000 | U-304.8 | 33.0 | 15.0 | | | | | | | | | | |
| | | CMG FT4 | | | 1000 | 304.8 | 35.0 | 15.9 | | | | | | | | | | |



FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.
 **Capacitance between one conductor and other conductors connected to shield.
 † Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.
 †† Spools and/or UnReel® cartons are one piece, but length may vary -0% to +10%.

Line Level Analog Audio Cable

Single-Pair Cables



19 • Brilliance® Broadcast

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

16 AWG Stranded (19x29) Tinned Copper Conductors • Twisted Pair • Tinned Copper Spiral Wrapped Shield (85% Coverage)

| PVC Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---------------|-------------|---------|---|--------|--------|---------|------|------|------|-----|------|-----|------|------|----|-----|----|-----|--|
| | 300V RMS 60°C | 8780 | NEC: | 1 | Black, | 500 | 152.4 | 23.5 | 10.7 | .023 | .58 | .030 | .76 | .280 | 7.11 | 57 | 187 | 98 | 322 | |
| | | | CMG | | White | U-1000 | U-304.8 | 44.0 | 20.0 | | | | | | | | | | | |
| | | | CEC: | | | 1000 | 304.8 | 46.0 | 20.9 | | | | | | | | | | | |
| | | | CMG FT4 | | | | | | | | | | | | | | | | | |

16 AWG Stranded (19x29) TC Conductors • Twisted Pair • Overall Beldfoil® Shield (100% Coverage) • 18 AWG Stranded TC Drain Wire

| Polyethylene Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------------|---------|---|--------------------|--------|---------|-------|-------|------|-----|------|-----|------|------|----|----|----|-----|--|
| | Low-Capacitance | 8719 | NEC: | 1 | Black, | U-500 | U-152.4 | 24.0 | 10.9 | .032 | .81 | .032 | .81 | .313 | 7.95 | 23 | 75 | 44 | 144 | |
| | UL AWM Style 20253 | | CM, CL2 | | Clear | 500 | 152.4 | 25.5 | 11.6 | | | | | | | | | | | |
| | (600V RMS 80°C) | | CEC: | | | U-1000 | U-304.8 | 47.0 | 21.3 | | | | | | | | | | | |
| | | | CM | | | 1000 | 304.8 | 50.0 | 22.7 | | | | | | | | | | | |
| | | | | | | 2000 | 609.6 | 100.0 | 45.5 | | | | | | | | | | | |
| | | | | | | 5000 | 1524.0 | 245.0 | 111.4 | | | | | | | | | | | |
| Shorting Fold | | | | | 10000 [†] | 3048.0 | 510.0 | 231.3 | | | | | | | | | | | | |

14 AWG Stranded (19x27) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 16 AWG Stranded TC Drain Wire

| Polyethylene Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------------|------|---|--------|-------|---------|-------|------|------|-----|------|-----|------|------|----|----|----|-----|--|
| | Low-Capacitance | 8720 | NEC: | 1 | Black, | U-500 | U-152.4 | 34.0 | 15.4 | .032 | .81 | .035 | .89 | .355 | 9.02 | 24 | 79 | 47 | 154 | |
| | UL AWM Style 20253 | | CL2 | | Clear | 500 | 152.4 | 35.0 | 15.9 | | | | | | | | | | | |
| | (600V RMS 80°C) | | | | | 1000 | 304.8 | 71.0 | 32.3 | | | | | | | | | | | |
| | | | | | | 2000 | 609.6 | 138.0 | 62.7 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Z-Fold® | | | | | | | | | | | | | | | | | | | | |

12 AWG Stranded (19x25) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 14 AWG Stranded TC Drain Wire

| Polyethylene Insulation • Chrome PVC Jacket | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------------|-----|---|--------|-------|---------|-------|------|------|-----|------|------|------|-------|----|----|----|-----|
| | Low-Capacitance | 8718 | NEC | 1 | Black, | U-500 | U-152.4 | 47.5 | 21.6 | .037 | .94 | .040 | 1.02 | .400 | 10.16 | 25 | 82 | 49 | 161 |
| | UL AWM Style 20253 | | CL2 | | Clear | 500 | 152.4 | 50.5 | 22.9 | | | | | | | | | | |
| | (600V RMS 80°C) | | | | | 1000 | 304.8 | 100.0 | 45.5 | | | | | | | | | | |
| | | | | | | 2000 | 609.6 | 198.0 | 90.0 | | | | | | | | | | |
| Z-Fold® | | | | | | | | | | | | | | | | | | | |

TC = Tinned Copper

*Capacitance between conductors.

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

[†] Final put-up length may vary -10% to +20% from length shown. May contain 2 pieces. Minimum length of any one piece is 1500 ft.