



8762 Paired - Single-Pair Cable

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|   | <p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> |
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Description:

20 AWG stranded (7x28) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded TC drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| | |
|----------------------------|--------------------|
| Number of Pairs | 1 |
| Total Number of Conductors | 2 |
| AWG | 20 |
| Stranding | 7x28 |
| Conductor Material | TC - Tinned Copper |

INSULATION:

| | |
|--------------------------------|-------------------|
| Insulation Material | PE - Polyethylene |
| Nom. Insulation Wall Thickness | .016 in. |
| Lay Length | 1.5 in. |
| Twists/ft. | 8 |

Pair Color Code Chart :

| Number | Color |
|--------|---------------|
| 1 | Black & Clear |

OUTER SHIELD:

| | |
|----------------------------------|--|
| Outer Shield Material Trade Name | Beldfoil® |
| Outer Shield Type | Tape |
| Outer Shield Material | Aluminum Foil-Polyester Tape w/Shorting Fold |
| Outer Shield % Coverage | 100 % |

OUTER SHIELD DRAIN WIRE :

| | |
|--|--------------------|
| Outer Shield Drain Wire AWG | 20 |
| Outer Shield Drain Wire Stranding | 7x28 |
| Outer Shield Drain Wire Conductor Material | TC - Tinned Copper |

OUTER JACKET:

| | |
|-----------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
|-----------------------|--------------------------|



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|-------------------------------------|----------|
| Outer Jacket Nominal Wall Thickness | .028 in. |
|-------------------------------------|----------|

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|----------|
| Overall Nominal Diameter | .204 in. |
|--------------------------|----------|

MECHANICAL CHARACTERISTICS:

| | |
|----------------------------------|--------------------------|
| Operating Temperature Range | -20°C To +60°C |
| UL Temperature Rating | 60°C (UL AWM Style 2092) |
| Bulk Cable Weight | 21.2 lbs/1000 ft. |
| Max. Recommended Pulling Tension | 46 lbs. |
| Min. Bend Radius (Install) | 2 in. |

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|---------------------------------------|----------------------------|
| NEC/(UL) Specification | CM |
| CEC/C(UL) Specification | CM |
| AWM Specification | UL Style 2092 (300 V 60°C) |
| EU CE Mark (Y/N) | Yes |
| EU RoHS Compliant (Y/N) | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |

FLAME TEST:

| | |
|---------------|-------------------|
| UL Flame Test | UL1685 UL Loading |
|---------------|-------------------|

PLENUM/NON-PLENUM:

| | |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

ELECTRICAL CHARACTERISTICS:

| | |
|---|-------------------------------|
| Nom. Characteristic Impedance | 56 Ohms |
| Nom. Inductance | .18 µH/ft |
| Nom. Capacitance Conductor to Conductor @ 1 KHz | 27 pF/ft |
| Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz | 49 pF/ft |
| Nom. Conductor DC Resistance @ 20 Deg. C | 9.5 Ohms/1000 ft |
| Max. Operating Voltage - UL | 300 V RMS |
| Max. Recommended Current | 3.9 Amps per conductor @ 25°C |

PUT-UPS AND COLORS:

| Item | Description | Put-Up (ft.) | Ship Weight (lbs.) | Jacket Color | Notes |
|---------------|-----------------|--------------|--------------------|--------------|-------|
| 8762 060100 | 2 #20 PE FS PVC | 100 | 3.2 | CHROME | |
| 8762 0601000 | 2 #20 PE FS PVC | 1000 | 23 | CHROME | C |
| 8762 06010000 | 2 #20 PE FS PVC | 10000 | 240 | CHROME | C Y |

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|---------------|-----------------|-------|------|--------|---|
| 8762 0602000 | 2 #20 PE FS PVC | 2000 | 46 | CHROME | C |
| 8762 060250 | 2 #20 PE FS PVC | 250 | 6.25 | CHROME | |
| 8762 060500 | 2 #20 PE FS PVC | 500 | 12 | CHROME | C |
| 8762 060U1000 | 2 #20 PE FS PVC | U1000 | 23 | CHROME | |
| 8762 060U500 | 2 #20 PE FS PVC | U500 | 12 | CHROME | |

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

Revision Number: 1 Revision Date: 07-27-2005

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