

## 8762 Paired - Single-Pair Cable

 	<p><b>Metric Version</b>  <b>For more information please call</b>  <b>+49 202 242550</b></p> <p><u><b>See Put-ups and Colors</b></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	0.406 mm
Lay Length	5.08 cm
Twists/ft.	6

#### 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
Outer Jacket Nominal Wall Thickness	0.711 mm

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### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	5.182 mm
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2092)
Bulk Cable Weight	31.55 Kg/Km
Max. Recommended Pulling Tension	204.617 N
Min. Bend Radius (Install)	50.8 mm

### 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
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#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	56 Ohms
Nom. Inductance	0.591 µH/m
Nom. Capacitance Conductor to Conductor @ 1 KHz	88.587 pF/m
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	160.769 pF/m
Nom. Conductor DC Resistance @ 20 Deg. C	31.17 Ohms/km
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 (M)	Ship Weight (kgs.)	Jacket Color	Notes
8762 060100	2 #20 PE FS PVC	30.48	1.317	CHROME	
8762 0601000	2 #20 PE FS PVC	304.8	10.442	CHROME	C
8762 06010000	2 #20 PE FS PVC	3048	108.96	CHROME	C Y
8762 0602000	2 #20 PE FS PVC	609.6	20.884	CHROME	C

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8762 060250	2 #20 PE FS PVC	76.2	2.838	CHROME	
8762 060500	2 #20 PE FS PVC	152.4	5.448	CHROME	C
8762 060U1000	2 #20 PE FS PVC	U304.8	10.442	CHROME	
8762 060U500	2 #20 PE FS PVC	U152.4	5.675	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'.

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