



**8760 Paired - Shielded Twisted Pair Cable**

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

**Description:**

18 AWG stranded (16x30) tinned copper conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	1
Total Number of Conductors	2
AWG	18
Stranding	16x30
Conductor Material	TC - Tinned Copper

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

**INSULATION:**

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.019 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
-----------------------	--------------------------



**8760 Paired - Shielded Twisted Pair Cable**

Outer Jacket Nominal Wall Thickness	.028 in.	勝特力材料 886-3-5753170 勝特力电子(上海) 86-21-54151736 勝特力电子(深圳) 86-755-83298787 <a href="http://www.100y.com.tw">Http://www.100y.com.tw</a>
<b>OVERALL NOMINAL DIAMETER:</b>		
Overall Nominal Diameter	.222 in.	
<b>MECHANICAL CHARACTERISTICS:</b>		
Operating Temperature Range	-20°C To +60°C	
UL Temperature Rating	60°C (UL AWM Style 2092)	
Bulk Cable Weight	26.6 lbs/1000 ft.	
Max. Recommended Pulling Tension	62 lbs.	
Min. Bend Radius (Install)	2.25 in.	
<b>APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:</b>		
<b>APPLICABLE STANDARDS:</b>		
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	
<b>FLAME TEST:</b>		
UL Flame Test	UL1685 UL Loading	
<b>PLENUM/NON-PLENUM:</b>		
Plenum (Y/N)	N	
Plenum Number	88760, 87760 or 82760	
<b>ELECTRICAL CHARACTERISTICS:</b>		
Nom. Characteristic Impedance	60 Ohms	
Nom. Inductance	.18 µH/ft	
Nom. Capacitance Conductor to Conductor @ 1 KHz	24 pF/ft	
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	44 pF/ft	
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft	
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2092)	
Max. Recommended Current	5.2 Amps per conductor @ 25°C	

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8760 0601000	2 #18 LDPE SH PVC	1000	26	CHROME	C
8760 06010000	2 #18 LDPE SH PVC	10000	260	CHROME	C Y

**8760 Paired - Shielded Twisted Pair Cable**

8760 0602000	2 #18 LDPE SH PVC	2000	50	CHROME	C
8760 060250	2 #18 LDPE SH PVC	250	6.75	CHROME	
8760 060500	2 #18 LDPE SH PVC	500	13	CHROME	C
8760 0605000	2 #18 LDPE SH PVC	5000	135	CHROME	C
8760 060U1000	2 #18 LDPE SH PVC	U1000	25	CHROME	
8760 060U500	2 #18 LDPE SH PVC	U500	13	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: 09-14-2005

© 2005 Belden Wire & Cable Company  
All Rights Reserved.

Although Belden Electronics Division ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden CDT Electronics Division believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs.(San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003);Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden CDT Electronics Division declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

**勝特力材料 886-3-5753170**  
**勝特力电子(上海) 86-21-54151736**  
**勝特力电子(深圳) 86-755-83298787**  
[Http://www.100y.com.tw](http://www.100y.com.tw)