

[Print Preview](#)

[Show Metric](#)

**8760**



**Multi-Conductor - Shielded Twisted Pair Cable**

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.

**For more Information  
Please call**

**1-800-Belden1**



[Click here for Certificate](#)

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8760 060U1000	1,000 FT	27.000 LB	CHROME		2 #18 LDPE SH PVC
8760 060U500	500 FT	14.000 LB	CHROME		2 #18 LDPE SH PVC
8760 0601000	1,000 FT	27.000 LB	CHROME		2 #18 LDPE SH PVC
8760 06010000	10,000 FT	270.000 LB	CHROME	C Y	2 #18 LDPE SH PVC
8760 06010001	10,000 FT	270.000 LB	CHROME	C Z	2 #18 LDPE SH PVC
8760 06015000	15,000 FT	435.000 LB	CHROME	C Y	2 #18 LDPE SH PVC
8760 0602000	2,000 FT	54.000 LB	CHROME	C	2 #18 LDPE SH PVC
8760 060250	250 FT	7.000 LB	CHROME		2 #18 LDPE SH PVC
8760 060500	500 FT	14.000 LB	CHROME	C	2 #18 LDPE SH PVC
8760 0605000	5,000 FT	145.000 LB	CHROME	C	2 #18 LDPE SH PVC

**Notes:**  
 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'.  
 Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

**Physical Characteristics (Overall)**

**Conductor**

**AWG:**

# Pairs	AWG	Stranding	Conductor Material
---------	-----	-----------	--------------------

1	18	16x30	TC - Tinned Copper
---	----	-------	--------------------

**Total Number of Conductors:** 2

### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PO - Polyolefin	0.018

### Outer Shield

**Outer Shield Material:**

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

**Outer Shield Drain Wire AWG:**

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

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.028

### Overall Cable

**Overall Nominal Diameter:** 0.222 in.

### Pair

**Pair Color Code Chart:**

Number	Color
1	Black & Clear

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +60°C  
**Bulk Cable Weight:** 25 lbs/1000 ft.  
**Max. Recommended Pulling Tension:** 54 lbs.  
**Min. Bend Radius/Minor Axis:** 2.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** CM  
**CEC/C(UL) Specification:** CM  
**AWM Specification:** UL Style 2092 (300 V 60°C)  
**EU Directive 2011/65/EU (ROHS II):** Yes  
**EU CE Mark:** Yes  
**EU Directive 2000/53/EC (ELV):** Yes

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 UL Loading
----------------	-------------------

### Suitability

Suitability - Indoor:	Yes
-----------------------	-----

### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88760, 87760 or 82760

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance ( $\mu\text{H}/\text{ft}$ )

.18

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

27.200

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

7.2 Amps per conductor @ 25°C

Close

Revision Number: 3    Revision Date: 08-02-2012

Although 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 believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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 declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.