

8760 Multi-Conductor - Shielded Twisted Pair Cable



For more Information
please call

1-800-Belden1

**General 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 (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

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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 (µH/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

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
8760 0609999	1,000 FT	28.000 LB	CHROME		2 #18 LDPE SH PVC

Notes:

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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.

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

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