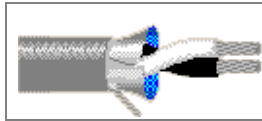


8760 Multi-Conductor - Shielded Twisted Pair Cable



For more Information
please call

1-800-Belden1



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
1.000	18	16x30	TC - Tinned Copper

Insulation:

Insulation Material

Ins Material	Wall Thickness (in.)
PE - Polyethylene	0.019

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 Cabling:

Overall Nominal Diameter: .222 in.

Pair:

Pair Color Code Chart

Number	Color
1	Black & Clear

Pair Lay Length & Direction

Lay Length (in.)	Twists/ft. (twist/ft)
1.500	8.000

Mechanical Characteristics (Overall):

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2092)
Bulk Cable Weight:	26.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	62 lbs.
Min. Bend Radius (Install):	2.250 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

8760 Multi-Conductor - Shielded Twisted Pair Cable

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
Plenum Number	88760, 87760 or 82760

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
57.000

Nom. Inductance

Inductance (µH/ft)
0.180

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
29.800

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
44.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
6.500

Max. Operating Voltage - UL

Voltage
300 V RMS (UL AWM Style 2092)

Max. Recommended Current

Current
5.2 Amps per conductor @ 25°C

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
8760 0601000	1,000 FT	26.000 LB	CHROME	C	2 #18 LDPE SH PVC CHR
8760 06010000	10,000 FT	280.000 LB	CHROME	C Y	2 #18 LDPE SH PVC CHR
8760 0602000	2,000 FT	56.000 LB	CHROME	C	2 #18 LDPE SH PVC CHR
8760 060250	250 FT	7.250 LB	CHROME		2 #18 LDPE SH PVC CHR
8760 060500	500 FT	14.500 LB	CHROME	C	2 #18 LDPE SH PVC CHR
8760 0605000	5,000 FT	150.000 LB	CHROME	C	2 #18 LDPE SH PVC CHR
8760 060U1000	1,000 FT	28.000 LB	CHROME		2 #18 LDPE SH PVC CHR
8760 060U500	500 FT	14.500 LB	CHROME		2 #18 LDPE SH PVC CHR

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'.

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