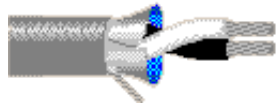


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**8720**



**Multi-Conductor - Single-Pair Cable**

14 AWG stranded (19x27) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 16 AWG stranded TC drain wire, PVC jacket.

**For more Information  
Please call**

**1-800-Belden1**



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**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8720 060U500	500 FT	34.000 LB	CHROME		2 #14 PE FS PVC
8720 0601000	1,000 FT	71.000 LB	CHROME	C	2 #14 PE FS PVC
8720 0602000	2,000 FT	136.000 LB	CHROME	C	2 #14 PE FS PVC
8720 060500	500 FT	36.000 LB	CHROME	C	2 #14 PE FS PVC
8720 0605000	5,000 FT	360.000 LB	CHROME	C	2 #14 PE FS PVC

**Notes:**  
C = CRATE REEL PUT-UP.

**Physical Characteristics (Overall)**

**Conductor**

**AWG:**

# Pairs	AWG	Stranding	Conductor Material
1	14	19x27	TC - Tinned Copper

**Total Number of Conductors:** 2

**Insulation**

**Insulation Material:**

Insulation Material	Wall Thickness (in.)

PE - Polyethylene .032

## Outer Shield

### Outer Shield Material:

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

### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
16	Stranded	TC - Tinned Copper

## Outer Jacket

### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

## Overall Cable

Overall Nominal Diameter: 0.355 in.

## Pair

### Pair Color Code Chart:

Number	Color
1	Black & Clear

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 20253)
Bulk Cable Weight:	64 lbs/1000 ft.
Max. Recommended Pulling Tension:	160 lbs.
Min. Bend Radius/Minor Axis:	3.750 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2
AWM Specification:	UL Style 20253 (600 V 80°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
MIL Order #39 (China RoHS):	Yes

## Flame Test

UL Flame Test:

UL1685 UL Loading

## Plenum/Non-Plenum

Plenum (Y/N):

No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

58

### Nom. Inductance:

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

.2

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

24

### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

47

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.9

### Max. Operating Voltage - UL:

Voltage	Description
600 V RMS	UL AWM 20253
300 V RMS	CSA

### Max. Recommended Current:

Current

9.5 Amps per conductor @ 25°C

Close

Revision Number: 2    Revision Date: 08-15-2012

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