

8720 Multi-Conductor - Single-Pair Cable

For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

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

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

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.000	6.000

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 20253)
Bulk Cable Weight:	61.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	160 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2
AWM Specification:	UL Style 20253 (600 V 80°C)
CSA Specification:	II A
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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
58

Nom. Inductance:

Inductance (µH/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
600 V RMS (UL AWM Style 20253); 300 V RMS (CSA)

Max. Recommended Current:

Current
9.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

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	72.000 LB	CHROME	C	2 #14 PE FS PVC
8720 0602000	2,000 FT	136.000 LB	CHROME	C	2 #14 PE FS PVC

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8720 060500	500 FT	36.000 LB	CHROME	C	2 #14 PE FS PVC
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Notes:

C = CRATE REEL PUT-UP.

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