

8719 Paired - Audio, Control and Instrumentation Cable



Description:

16 AWG stranded (19x29) tinned copper conductors, twisted pair, polyethylene insulation, overall 100% Beldfoil® shield, 18 AWG stranded tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	16
Stranding	19x29
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.032 in.

PAIR:

Pair Lay Length	1.5 in.
Pair Twists/ft.	8
Pair Color Code Chart :	

Number	Color
1	Black & Clear

OUTER SHIELD:

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

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	18
Outer Shield Drain Wire Stranding	Stranded
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.313 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 20253)
Bulk Cable Weight	50 lbs/1000 ft.
Max. Recommended Pulling Tension	102 lbs.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM CL2
CEC/C(UL) Specification	CM
AWM Specification	U1 Style 20253 (600 V 80°C)

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	65 Ohms
Nom. Inductance	.2 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	23 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	44 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	4.5 Ohms/1000 ft
Max. Operating Voltage - UL	600 V RMS (UL AWM Style 20253); 150 V RMS
Other Maximum Continuous Currents	7 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8719 0601000	2 #16 LDPE FS PVC	1000	49	CHROME	C
8719 06010000	2 #16 LDPE FS PVC	10000	430	CHROME	C Y
8719 0602000	2 #16 LDPE FS PVC	2000	100	CHROME	C
8719 060500	2 #16 LDPE FS PVC	500	24.5	CHROME	
8719 0605000	2 #16 LDPE FS PVC	5000	245	CHROME	C
8719 060U1000	2 #16 LDPE FS PVC	U1000	47	CHROME	



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8719 060U500	2 #16 LDPE FS PVC	U500	24.5	CHROME	
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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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