

**1063A Paired - 600V Tray Cable**

		<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : ICEA Table E1.pdf</b></p>
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**Description:**

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil shield (100% coverage), PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	2
Total Number of Conductors	4
AWG	18
Stranding	7x26
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PVC/Nylon - Polyvinyl Chloride/Nylon
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**Lay Length :**

Lay Length (in.)	Direction	Twists/ft (twist/ft)
2.5		
2.75		

**Pair Color Code Chart :**

Number	Color	Number	Color
1	Black & White Numbered 1	2	Black & White Numbered 2

**OVERALL CABLING:**

Overall Cabling Twists/ft	3.03
Overall Cabling Lay Length	3.96 in.

**OUTER SHIELD:**

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

**OUTER SHIELD DRAIN WIRE :**

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Outer Shield Drain Wire AWG	18
Outer Shield Drain Wire Stranding	7x26
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.053 in.
Outer Jacket Ripcord	Yes

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.407 in.
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### MECHANICAL CHARACTERISTICS:

Wet Temperature Range	-30°C To +75°C
Dry Temperature Range	-30°C To +90°C
Bulk Cable Weight	70.7 lbs/1000 ft.
Max. Recommended Pulling Tension	112 lbs.
Min. Bend Radius (Install)	4.1 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	NPLF, TC, UL 1277
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
Other Specification	ICEA S-73-532, S-61-402

### FLAME TEST:

UL Flame Test	UL1685 UL Loading
C(UL) Flame Test	FT4
IEEE Flame Test	1202
ICEA Flame Test	T-29-520

### SUITABILITY:

Suitability - Burial	Yes
Sunlight Resistance	Yes

### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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### ELECTRICAL CHARACTERISTICS:

Nom. Mutual Capacitance @ 1 KHz	36 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	5.86 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	4.75 Ohms/1000 ft

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Max. Operating Voltage - UL 600 V RMS (NEC Type TC), 150 V RMS (NPLF)

**NOTES:**

Notes Alternate color coding available upon request.

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1063A 01010000	2 PR #18 PVC/NYL FS PVC	10000	790	BLACK	C Z

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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