

## 1120A Multi-Conductor - 600V Tray Cable



For more Information  
please call

1-800-Belden1



### Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	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	.048

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.278 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	35.700 lbs/1000 ft.
Max. Recommended Pulling Tension:	59 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC, UL 1277

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):	04/01/2005
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
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):	No
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## Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.1945

#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

74

#### Nom. Mutual Capacitance:

Capacitance (pF/ft)

41

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.86

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

7.46

#### Max. Operating Voltage - UL:

Voltage

600 V RMS (NEC Type TC)

150 V RMS (NPLF)

## Notes (Overall)

**Notes:** Alternate color coding available upon request.

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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## 1120A Multi-Conductor - 600V Tray Cable

1120A 01010000	10,000 FT	450.000 LB	BLACK	C Z	2 #18 PVC/NYL FS PVC
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**Notes:**

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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