Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5120UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information please call

1-800-Belden1



Description:

14 AWG bare copper conductors, PP insulation, conductors cabled together, PVC jacket with ripcord, sequential footage marking every two feet.

Yes

Usage (Overall)

Suitable Applications: Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control

Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

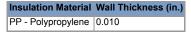
Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 14 | Solid | BC - Bare Copper |

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) | | | |
|--------------------------|---------------------------|--|--|--|
| PVC - Polyvinyl Chloride | 0.017 | | | |

Outer Jacket Ripcord:

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (ft.) |
|--------------|--------------|
| 3.25 | 3.7 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |

Overall Nominal Diameter: 0.205 in.

Mechanical Characteristics (Overall) Operating Temperature Range: -20°C To +75°C UL Temperature Rating: 75°C Bulk Cable Weight: 36 lbs/1000 ft. Max. Recommended Pulling Tension: 99.400 lbs. Min. Bend Radius (Install)/Minor Axis: 2 in.

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| Applicable Spo | ecifications a | nd Agency (| Compli | iance (C | Overall) |
|----------------|----------------|-------------|--------|----------|----------|
|----------------|----------------|-------------|--------|----------|----------|

Applicable Standards & Environmental Programs

| NEC/(UL) Specification: | FPLR |
|---------------------------------------|--------------------------------|
| NEC Articles: | 760 |
| 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: | California State Fire Marshall |
| me Test | |

Flame Test

UL Flame Test: UL1666 Vertical Shaft

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum Number: 6120UL

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 23.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.43

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 8 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 |
|----------------|----------|-------------|--------|-------|----------------|
| 5120UL D151000 | 1,000 FT | 38.000 LB | BLUE | С | 2 #14 PP FRPVC |
| 5120UL 0021000 | 1,000 FT | 34.000 LB | RED | С | 2 #14 PP FRPVC |
| 5120UL 002500 | 500 FT | 17.500 LB | RED | С | 2 #14 PP FRPVC |
| 5120UL 0041000 | 1,000 FT | 34.000 LB | YELLOW | | 2 #14 PP FRPVC |
| 5120UL 0101000 | 1,000 FT | 38.000 LB | BLACK | | 2 #14 PP FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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