

6320UJ Multi-Conductor - Commercial Applications, Addressable Systems - 2 Cond Cabled



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, FEP insulation, cabled together, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)**Suitable Applications:**

Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)**Conductor****AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 18 | Solid | BC - Bare Copper |

Insulation**Insulation Material:**

| Insulation Trade Name | Insulation Material | Wall Thickness (in.) |
|-----------------------|-----------------------------|----------------------|
| Teflon® | Thermoplastic Fluoropolymer | .007 |

Outer Shield**Outer Shield Material:**

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

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .015 |

Outer Jacket Ripcord:

Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

| Length (in.) | Twists (ft.) |
|--------------|--------------|
| 1.5 | 8.0 |

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter:

0.138 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 40 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.400 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|-------------------------|------|
| NEC/(UL) Specification: | FPLP |
|-------------------------|------|

| | |
|---------------|-----|
| 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): | 10/01/2005 |
|---------------------------------------|------------|

| | |
|---------------------------------|-----|
| 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 |
|----------------------|--------------------------------|

Flame Test

| | |
|----------------|----------|
| UL Flame Test: | NFPA 262 |
|----------------|----------|

| | |
|-------------------|-----|
| C(UL) Flame Test: | FT6 |
|-------------------|-----|

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

| | |
|--------------------|--------|
| Non-Plenum Number: | 5320UJ |
|--------------------|--------|

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|--------------------|
| Inductance (μH/ft) |
|--------------------|

| |
|-----|
| .15 |
|-----|

Nom. Capacitance Conductor to Conductor:

| |
|---------------------|
| Capacitance (pF/ft) |
|---------------------|

| |
|----|
| 26 |
|----|

Nom. Conductor DC Resistance:

| |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|

| |
|-----|
| 6.4 |
|-----|

Max. Operating Voltage - UL:

| |
|---------|
| Voltage |
|---------|

| |
|-----------|
| 300 V RMS |
|-----------|

Max. Recommended Current:

| |
|---------|
| Current |
|---------|

| |
|-----------------------------|
| 5 Amps per conductor @ 25°C |
|-----------------------------|

Notes (Overall)

Notes: Teflon® is a trademark of DuPont.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|-----------------|
| 6320UJ 0021000 | 1,000 FT | 16.000 LB | RED | | 2 #18 FEP FLRST |

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