Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6521UE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



Description:

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

Usage (Overall)

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 3 | 22 | Solid | BC - Bare Copper |

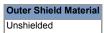
Insulation

Insulation Material:

| Insulation Trade Name Insulation Material | | Wall Thickness (in.) | |
|---|---------------------------------------|----------------------|--|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.009 | |

Outer Shield

Outer Shield Material:



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 Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |

Overall Nominal Diameter: 0.125 in.

Mechanical Characteristics (Overall)

| Operating Temperature Range: | 0°C To +75°C |
|--|---------------------|
| UL Temperature Rating: | 75°C |
| Bulk Cable Weight: | 11.700 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 23.400 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 1.250 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

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| 800 |
|------------|
| CMP |
| Yes |
| Yes |
| Yes |
| 04/01/2005 |
| Yes |
| Yes |
| Yes |
| Yes |
| |
| NFPA 262 |
| FT6 |
| |
| Yes |
| 5521UE |
| |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
25

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C (10°C rise in temp)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|---------|-------|-------------------|
| 6521UE 8771000 | 1,000 FT | 13.000 LB | NATURAL | | 3 #22 FLRST FLRST |

Revision Number: 1 Revision Date: 04-14-2008

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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