

WIREFATH

BULK WIRE

SP-124-DB-500-WH

12AWG, 4 Conductor, 65 Strand, CL3

Features

- CL3 Rated
- Oxygen - Free Copper conductors ensure signal integrity

Application

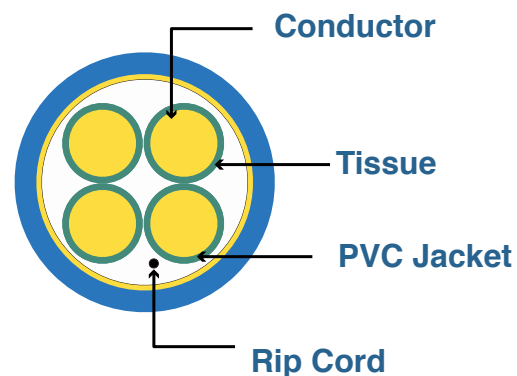
- Power limited circuit cable for use a fixed wiring within bulidings (some are also marked for direct burial) pr incipally for class 3 and class 2 circuits.

Flame Test

- UL and cUL Flame Test: CL3 & FT4
- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 13 and UL 444
- UL certification: (UL) CL2/CL3; c(UL) CM

Applicable Standards

- | | |
|---------------------------|-----|
| • NEC/(UL) Specifications | CL3 |
| • NEC Articles | 800 |
| • CEC/(UL) Specifications | CL3 |



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| Material and Construction | | |
|---------------------------|---------------------------------|--------------|
| 4 core | Oxygen Free Copper Wire Strands | |
| AWG | 12 | |
| Stranding | 65/0.25mm | |
| Insulation | Material | PVC |
| | Avg. Thickness (mm) | 0.42 ± 0.08 |
| | Insulation Diameter (mm) | 3.2 ± 0.2mm |
| | Binder | Tissue tape |
| | Ripcord | Nylon (150D) |
| Jacket | Material | PVC (86A) |
| | Nominal Thickness (mm) | 0.88 ± 0.1 |
| | Cable Dia. (mm) | 9.4 ± 0.3 |

| Performance | |
|---|--------------------|
| Physical & Electrical Characteristics (at 20°C) | |
| Minimum Bending Radius | ≥ 15 * Φ |
| Spark test | 2500V DC |
| Cable cold bend | -20°C for 4 hours |
| Conductor DC resistance | ≤ 5.41 Ohms/KM |
| Dielectric strength | 500V AC for 1 min |
| Insulation resistance | ≥ 100MΩ/KM |
| Tensile Strength | ≥ 13.8Mpa (unaged) |
| Elongation: | ≥ 100% (unaged) |

| Reelx Machine Setting (D750) | |
|------------------------------|---|
| Mandrel Size (inches) | - |
| Endform Size (inches) | - |
| Gain | - |
| Density | - |
| Hole size | - |
| Marking | WIREFATH™ BULK WIRE BY SNAPAV 124-DB DIRECT BURIAL OXYGEN FREE COPPER 12AWG 4C E325181-HY (UL) CL3 or E325177-HY c(UL) CMG FT4 75C DDMMYY "ROHS" XXX/XXX FT |

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| Color and Packaging | | |
|---------------------|---------------------------------|-----------------------|
| Insulation | Red and Black | |
| Jacket | Brightness White: Pantone White | |
| | Brightness Black: Pantone Black | |
| Packaging | 500ft. on Spool | |
| | Dimensions (in) | 15.0" x 10.2" x 15.0" |
| | Dimensions (mm) | 380mm x 260mm x 380mm |
| | Weight (lbs) | 63.8 |

Values above 250MHz are for information only.