

# WIREFATH

## BULK WIRE

### SP-144-DB-500-XXX

14AWG, 2 Conductor, 105 Strands

### Features

- Oxygen - Free copper conductors ensure signal integrity

### Application

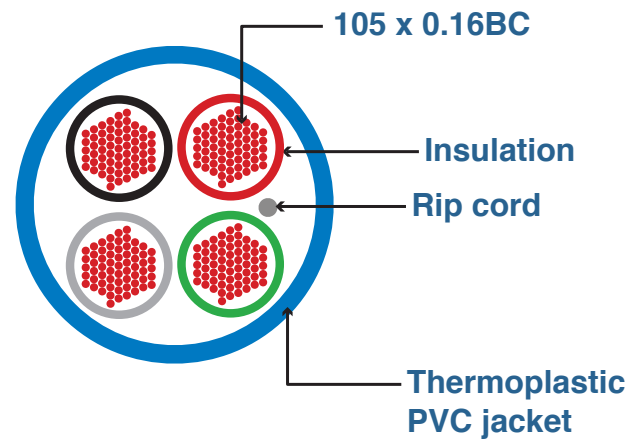
- Multi-conductor audio
- Control, instrumentation, LED lighting cables
- Indoor/Outdoor rated for outdoor installations

### Flame Test

- C(UL) Flame Test FT4

### Applicable Standards

- NEC/(UL) Specifications CL2
- NEC Articles 725



### Usage & Environmental Condition

|                        |                    |                                |
|------------------------|--------------------|--------------------------------|
| Temperature range      | Storage & shipping | -20°C to 75°C                  |
|                        | Installation       | 0°C to 60°C                    |
|                        | Operation          | 75°C                           |
| Minimum bending radius |                    | ≥ 15 times of overall diameter |

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| Material and Construction |   |                                       |
|---------------------------|---|---------------------------------------|
| Construction              | 4 Conductor   | Oxygen Free Copper Wire Strand        |
|                           | AWG   | 14                                    |
|                           | Stranding   | 105 Strands* 0.16mm diameter +/- .001 |
| Insulation                | Material  | PVC (Polyvinyl Chloride)              |
|                           | Thickness (mm)  | 0.4                                   |
|                           | Insulation Diameter (mm)  | 2.7 +/- 0.2mm                         |
|                           | Color   | As ordered                            |
| Rip Cord                  | Material  | Nylon (150D)                          |
| Jacket                    | Material  | Thermoplastic water proof PVC         |
|                           | Nominal Thickness(mm)   | 1.2 +/- 0.1                           |
|                           | Cable Dia. (mm)   | 11.0 +/- 0.4                          |
| Marking                   | WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL), 4 COND<br>14 AWG 105 STRAND DIRECT BURIAL OXYGEN FREE 75°C,<br>DDMMYY, 000/500 FT ~~~ 498/002 FT |                                       |

| Physical & Electrical Characteristics (at 20°C) |                  |
|---|------------------|
| Temperature & voltage rating                    | 75°C / 300V      |
| Spark test                                      | 2500V DC         |
| Cable cold bend                                 | -20°C for 4 hr   |
| Conductor DC resistance                         | ≤ 8.96 Ω/km      |
| Dielectric strength                             | 1500V AC for 2 s |
| Insulation resistance                           | ≥ 200 MΩ·Km      |