

WIREFATH

BULK WIRE

NST-162-LS-500-XXX

16AWG, 2 Conductor, 26 Strands

Features

- Oxygen - Free copper conductors ensure signal integrity
- Low strand speaker wire

Application

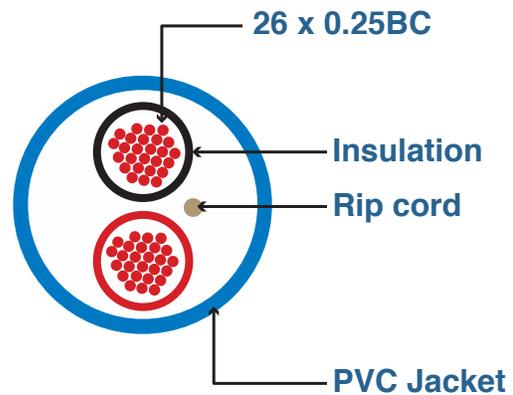
- Multi-conductor audio
- Control, instrumentation, LED lighting cables

Flame Test

- C(UL) Flame Test FT4

Applicable Standards

- NEC/(UL) Specifications CL3
- 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 | 2 Conductor | Oxygen Free Copper Wire Strand |
| | AWG | 16 |
| | Stranding | 26 Strands * 0.25 mm diameter +/- .001 |
| Insulation | Material | PVC (Polyvinyl Chloride) |
| | Thickness (mm) | 0.25 |
| | Insulation Diameter (mm) | 2.0 +/- 0.2mm |
| | Color | As ordered |
| Rip Cord | Material | Nylon (150D) |
| Jacket | Material | PVC (Polyvinyl Chloride) |
| | Nominal Thickness(mm) | 0.55 +/- 0.05 |
| | Cable Dia. (mm) | 5.3 +/- 0.3 |
| Marking | WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL), 2 COND 16 AWG 26 STRAND OXYGEN FREE 75°C, 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 | ≤ 14.5 Ω/km |
| Dielectric strength | 1500V AC for 2 s |
| Insulation resistance | ≥ 200 MΩ·Km |