

# Technical Data Sheet

## Plenum Communication Cables



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|---------------------|--|
| <b>PART NUMBER:</b> | <b>25244B</b>  |
| <b>DESCRIPTION:</b> | 18/4 Stranded bare copper conductors, unshielded with an overall jacket.   |
| <b>NEC RATING:</b>  | CMP, NEC Article 800   |
| <b>APPROVALS:</b>   | (UL) C(UL) Listed or c(ETL)us Listed   |
| <b>APPLICATION:</b> | Indoor within ducts, plenums, and other spaces used for environmental air for (Pro Audio, Intercom Systems, Security Systems, Sound, Background Music) |

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### Construction Parameters:

|                          |                     |
|--------------------------|---------------------|
| Conductor                | 18 AWG Bare Copper  |
| Stranding                | 7x26                |
| Insulation Material      | Flex Plenum PVC     |
| Insulation Thickness     | 0.008" Nom.         |
| Number of Conductors     | 4                   |
| Shield                   | None                |
| Drain                    | None                |
| Jacket Material          | Flex Plenum PVC     |
| Jacket Thickness         | 0.015" Nom.         |
| Overall Cable Diameter   | 0.180" Nom.         |
| Approximate Cable Weight | 32 Lbs/1M' Nom.     |
| Flame Rating             | NFPA 262 Flame Test |

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### Electrical & Environmental Properties:

|  |                          |
|--|--------------------------|
| Temperature Rating                         | -10°C To +60°C           |
| Operating Voltage                          | 300 V RMS                |
| Max.Capacitance Between Conductors @ 1 KHz | 30 pf/ft Nom.            |
| DC Resistance per Conductor @ 20deg C      | 6.2 Ohms/1M' Nom.        |
| Insulation Colors                          | Black, Red, White, Green |
| Jacket Color                               | Gray                     |
| RoHS Compliant                             | Yes                      |

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### Mechanical Properties:

|                               |       |
|-------------------------------|-------|
| Max. Recommended Pull Tension | 84lbs |
| Min. Bend Radius (Install)    | 1.9"  |



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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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