

# NETWORK SENSOR DATA CABLE PLENUM — 50-FOOT CABLE ASSEMBLY

|                         |   |
|-------------------------|---|
| <b>ANIXTER PART NO.</b> | <b>CBL-NETWORK50</b>  |
| Description             | 24 AWG 3-pair plenum Category 3 data 50-foot cable assembly |
| Standards Compliance    | UL 444, ANSI/TIA/EIA-568-B.2 Category 3                     |
| Ratings                 | NEC Article 800 - (UL) CMP                                  |

## CONSTRUCTION PARAMETERS AND RATINGS

|                         |  |
|-------------------------|--|
| Conductor               | 24 AWG solid bare copper (0.020" diameter) |
| Insulation Material     | Low smoke FR-PVC                           |
| Number of Pairs         | 3 pairs                                    |
| Jacket Material         | Low smoke FR-PVC                           |
| Connector               | RJ11 6-pin connector                       |
| Flame Rating            | UL: UL910/NFPA262                          |
| NEC Article             | 800  |
| Applicable ANSI/TIA/EIA | 568-B.2 Category 3                         |

## ELECTRICAL AND ENVIRONMENTAL PROPERTIES

|   |  |                             |
|---|--|-----------------------------|
| Nominal Conductor DC Resistance @ 20 °C | 9.8 ohms/100 m (maximum)                   |                             |
| Characteristic Impedance (ohms)         | 100 +/-15                                  |                             |
| Frequency (MHz)                         | <b>Max. Attenuation (dB/100 m) @ 20 °C</b> | <b>Min. NEXT (dB/100 m)</b> |
| 0.772                                   | 2.2  | 43                          |
| 1.0                                     | 2.6  | 41                          |
| 4.0                                     | 5.6  | 32                          |
| 8.0                                     | 8.5  | 27                          |
| 10.0                                    | 9.7  | 26                          |
| 16.0                                    | 13.1                                       | 23                          |

## APPEARANCE AND PACKAGING

|                            |  |
|----------------------------|--|
| Pair Colors                | White/blue with blue/white, white/orange with orange/white, white/green with green/white |
| Jacket Color               | White  |
| Legend (Surface Ink Print) | 3PR 24 (UL) C(UL) CMP CAT3   |
| Cable Length               | 50 feet with RJ11 jacks. Straight wiring.  |