

# NETWORK SENSOR DATA CABLE PLENUM – 100-FOOT CABLE ASSEMBLY

<b>ANIXTER PART NO.</b>	<b>CBL-NETWORK100</b>
Description	24 AWG 3-pair plenum Category 3 data 100-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	100 feet with RJ11 jacks. Straight wiring.

