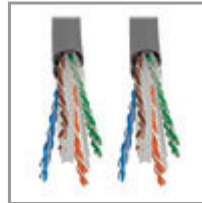# Cat6 Gigabit Solid Core Plenum-Rated UTP CMP PVC Bulk Ethernet Cable, Gray, 1000 ft. (304.8 m)

MODEL NUMBER: **N224-01K-GY**

Highlights

- Premium cabling for Category 6, Category 5e and Category 5 applications-rated for 550 MHz/1 Gbps communications
- Designed to meet Category 6 specifications: reduces cross-talk and return loss
- IEEE 802.3ab
- 1,000ft Box PLENUM (CMP) 4-pair Solid UTP
- Designed for premise (in-wall) cabling applications in air ducts and drop ceilings
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- For 1000 Base-T (1Gbps Ethernet), 10/100 Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice and Token Ring TYPE 3 applications as well as EIA/TIA applications.

Package Includes

- 1000-ft. Cat6 Gigabit Bulk 4PR Solid Plenum CMP Cable

Features

- Designed for premise (in-wall) cabling applications in air ducts and drop ceilings
- Premium cabling for category 6, category 5e and category 5 applications
- Color: Gray / Length: 1000-ft.
- 24 AWG 4-pair solid cable with Gray Plenum (CMP) jacket
- Deliver stable performance up to 550MHz/ 1 Gbps communication
- Meets most current industry standards including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (category 6 draft 11)
- Available in PVC cable as well (N222-01K-GY and N222-01K-BL)
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332117083
Technology	Cat6

PHYSICAL	
Cable Jacket Color	Gray
Cable Jacket Material	PVC
Cable Jacket Rating	CMP
Cable Shielding	UTP
Cable Outer Diameter (OD)	6.0 mm

Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	23 AWG
Cable Length (ft.)	1000
Cable Length (m)	304.88
Cable Length (in.)	12000
Cable Length (cm)	30480
Shipping Dimensions (hwd / in.)	13.78 x 14.17 x 13.78
Shipping Dimensions (hwd / cm)	35.00 x 35.99 x 35.00
Shipping Weight (lbs.)	31.00
Shipping Weight (kg)	14.06

ENVIRONMENTAL

Operating Temperature Range	-4° to 167°F (-20° to 75°C)
Storage Temperature Range	32° to 140°F (0° to 60°C)

COMMUNICATIONS

Bandwidth per TIA Standard	250 MHz
Maximum Bandwidth as Tested	500 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3ab

CONNECTIONS

Side A - Connector 1	BARE WIRE
Side B - Connector 1	BARE WIRE
Crossover Wiring	No
Connector Type	Bare Wire
Angled Connector	No

FEATURES & SPECIFICATIONS

Antibacterial	No
IP68 Rated	No
Snagless Connector	No
IP20 Rated	No

STANDARDS & COMPLIANCE

Product Compliance	RoHS; IEEE 802.3ab 1000Base-T; REACH

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty