Industrial Cat6 UTP Ethernet Cable (RJ45 M/M), 100W PoE, CMR-LP, IP68, Blue, 3 ft. (0.91 m)

MODEL NUMBER: **N200P-003BL-IND**



Connects Gigabit Ethernet and PoE equipment in industrial environments that require protection against dust and moisture.

Features

Cat6 Cable Recommended for Outdoor or Harsh Indoor Environments This three-foot (one-meter) Cat6 CMR-LP outdoor cable is ideal for connecting Gigabit Ethernet networks or digital signage in outdoor applications and other areas where protection from harsh elements is essential, such as factories, warehouses, recycling plants, machine shops and other dusty environments. The RJ45 connectors feature durable enclosures designed to withstand dust, debris and moisture that could threaten your IT infrastructure. Included dust caps protect the connectors when not in use.

IP68 Rating Denotes Resistance to Dust and Water The IP68 rating means the Cat6 cable is not only 100% protected against dust, but also able to endure immersion in 1.5 meters of water for up to 60 minutes with no damage or decline in performance. For applications that require IP68 protection, use the industrial cable with a N206-SB01-IND surface-mount box and a N206-BC01-IND bulkhead coupler or N206-KJ01-IND keystone jack. If only IP44 protection against splashing water from all directions is required, pair the cable with a N206-FP01-IND, N206-FP02-IND or N206-FP04-IND metal wall plate and a N206-BC01-IND bulkhead coupler or N206-KJ01-IND keystone jack.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices Because this Cat6 cable supports High-Power 100W PoE (71W at device end), it can supply the power to operate compatible data, voice, security and audio/video PoE devices, such as security cameras, VoIP telephones and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

CMR-LP Certified for Cable Installations with Increased Power LevelsUL's Limited Power (LP) certification indicates the N200P-003BL-IND has been evaluated to handle the marked current under installation scenarios without exceeding the temperature rating of the cable. This CMR-LP-certified cable provides a simple way to prepare installations for increased power levels without having to worry about susceptible issues caused by excessive heat.

Color-Coded to Avoid Misidentification That Can Cause Costly Downtime This Cat6 UTP patch cable features a blue PVC jacket. The color-coding allows easy, fast identification in a crowded rack, patch panel or workstation and helps prevent the cable from becoming inadvertently disconnected.

Highlights

- Protects Ethernet and digital signage applications in outdoor or harsh environments
- IP68-rated to resist dust and endure immersion in 1.5 m of water up to 60 min.
- Supports 100W PoE (71W at device end) to save you expense of powering devices individually
- UL CMR-LP certified to meet high-temperature safety standards in PoE applications
- Color-coded blue for fast, easy identification in a crowded rack or patch panel

Applications

- Connect Gigabit Ethernet networks or digital signage in factories, warehouses, recycling plants, machine shops and other dusty environments
- Provide Cat6 connectivity in outdoor environments susceptible to rain, such as a stadium or outdoor arena
- Deliver power to PoE devices mounted in areas that are difficult to reach or have no electrical outlets
- Save money by installing industrial cables that support both power and data, rather than separate power and data cables

Package Includes

- N200P-003BL-IND Industrial Cat6 UTP Patch Cable - RJ45 M/M, 3 ft. (1 m)

Specifications

OVERVIEW	
UPC Code	037332252111
Technology	Cat6; PoE
POWER	
Power Over Cable (PoC) Support	No
CONNECTIONS	
PoE Capability	100W (802.3bt); 15.4W (802.3af); 30W (802.3at); 60W (802.3bt)
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Connector Plating	Gold
Contact Plating	Gold
PoE Type	Type 3 PoE++/UPoE (60W, IEEE 802.3bt)
Connector Type	Molded
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
PHYSICAL	
Cable Jacket Color	Blue
Cable Jacket Material	PVC
Cable Jacket Rating	CMR-LP; LP5
Cable Shielding	UTP
Cable Outer Diameter (OD)	6.5 mm
Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	23 AWG
Cable Length (ft.)	3
Cable Length (m)	0.91
Cable Length (in.)	36
Cable Length (cm)	91.4
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
ENVIRONMENTAL	

Operating Temperature Range	14° to 140°F (-10° to 60°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0-90% non-condensing
Operating Humidity Range	0% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 90% RH, Non-Condensing
COMMUNICATIONS	
Bandwidth per TIA Standard	250 MHz
Maximum Bandwidth as Tested	500 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3bt
FEATURES & SPECIFICATIONS	
Antibacterial	No
IP68 Rated	No
Snagless Connector	No
IP20 Rated	No
STANDARDS & COMPLIANCE	
Protection Rating	IP68
Product Certifications	UL Listed; cUL Listed
Product Compliance	CE (Europe); RoHS; IEEE 802.3bt PoE++; REACH; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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