Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

10Gb Rigid Industrial Duplex Multimode 50/125 OM3 Fiber Patch Cable (LC/LC) - IP68, Aqua, 10 m (32.8 ft.)

MODEL NUMBER: **N820-10M-IND**







Connects fiber optic Ethernet equipment in industrial environments that require protection against dust and moisture.

Features

10G Duplex Multimode Cable Designed for Outdoor or Harsh Indoor Environments This 32.8-foot (10-meter) 50/125 OM3 LC/LC IP68-rated outdoor cable is ideal for connecting 10G Ethernet fiber networks 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 rigid, durable cable and small-form-factor LC duplex connectors withstand dust, debris and moisture that could threaten your IT infrastructure. Included dust caps are located at both ends for protection from dust and debris when the connectors are not in use.

IP68 Rating Denotes Resistance to Dust and Water The fiber cable is 100% protected against dust and able to endure immersion in 1.5 meters of water for up to 60 minutes with no damage or decline in performance. Concentration of water moisture in fiber connectors will lead to glass damage and can severely disrupt or halt performance of optical cables. For applications that require IP68 protection, use the industrial cable with a Tripp Lite N206-SB01-IND surface-mount box and an N455-BC01-IND bulkhead coupler. 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 an N455-BC01-IND bulkhead coupler.

Color-Coded to Avoid Misidentification That Can Cause Costly Downtime This fiber cable features an aqua PVC jacket with LC duplex ends. The color-coding allows easy, fast OM3 identification in a crowded rack, patch panel or workstation and helps prevent the cable from becoming inadvertently disconnected.

Highlights

- Protects 10Gb fiber Ethernet applications in outdoor or harsh environments
- Resists dust and endures immersion in 1.5 m of water up to 60 min.
- Low insertion loss of >0.10 db ensures a strong signal through your network
- Color-coded aqua for fast, easy OM3 identification in a crowded rack or patch panel

Applications

- Connect 10G fiber Ethernet networks in factories, warehouses, recycling plants, machine shops and other environments prone to dust or water
- Provide connectivity in outdoor environments susceptible to rain, such as a stadium or outdoor arena

Package Includes

- N820-10M-IND 10Gb Duplex Multimode 50/125 OM3 Fiber Patch Cable, Aqua, 10 m

Specifications

OVERVIEW	
UPC Code	037332252753
Technology	Multimode

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Optical Mode	OM3
PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	Beige
Cable Jacket Material	PVC
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	7.5mm
Clad Diameter (microns)	50
Core Diameter (microns)	125
Number of Fibers	2
Cable Length (ft.)	32.81
Cable Length (m)	10.00
Cable Length (in.)	393.7
Cable Length (cm)	1000
Minimum Bend Radius	7.5 * 20=150mm
ENVIRONMENTAL	
Operating Temperature Range	14 ~ 122°F (-10 ~ 50°C)
Storage Temperature Range	5 ~ 140°F (-15 ~ 60°C)
Relative Humidity	0% ~ 90% RH, Non Condensing
Operating Humidity Range	0% ~ 90% RH, Non Condensing
Storage Humidity Range	0% ~ 90% RH, Non Condensing
COMMUNICATIONS	
Network Compatibility	10 Gbps
Attenuation @ 1310NM	1.5dB/Km
Attenuation @ 850NM	3.5db/Km
Insertion Loss	0. 10 db
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	PC
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No

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Optical Port	LC
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Protection Rating	IP68
Certification & Compliance	RoHS; REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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