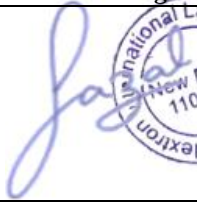




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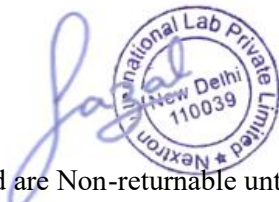
Manufacturer Name and address	DIMENSION NEXT INFOCOM PRIVATE LIMITED D-161, 3rd floor, okhla industrial area, phase 1, new delhi, south east delhi, delhi, 110020		
Product Name:	CAT 6 PATCH CORD		
Applicant Name and Address:	DIMENSION NEXT INFOCOM PRIVATE LIMITED D-161, 3rd floor, okhla industrial area, phase 1, new delhi, south east delhi, delhi, 110020		
Testing Laboratory Address:	NEXTRON INTERNATIONAL LAB PRIVATE LIMITED G-45, POCKET-C, SECTOR-4, BAWANA, NEW DELHI-110039		
Trade Mark	Nil		
Item No/ Model No	Lead Model: Copper Patch Cord Series Models: LAN Cable, Patch Cord, Ethernet Cable, RJ45 Cable	Date of receipt:	19/02/2026
Country of origin:	INDIA	Date of starting of test:	19/02/2026
Rating:	Nil	Date of end of test:	26/02/2026
Serial No:	Nil	Date of Report Issue:	26/02/2026
Job order No:	NEXT/20260219/04	Sample status:	OK/NOT OK

Applicable Standard	Result
As per Manufacture requirement	Pass

Tested by:	Approved by /Authorized Signature
	
Priya Singh (TESTING ENGINEER)	Md. Fazal Khan (SR. TECHNICAL MANAGER)
Date: 26/02/2026	Date: 26/02/2026

Terms & Conditions:

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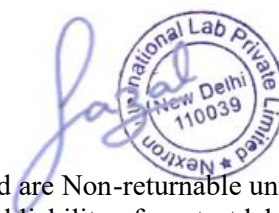
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Sr. No.	Test Description	Specification	Observation	Test results /Remarks
Ethernet Cable Electrical Requirements (speed upto 1Gbps)				
1.	Speed test (Ethernet Cable)	Up to 1Gbps	Up to 1Gbps	PASS
Ethernet Cable Mechanical Quality Requirements				
2.	Ethernet cable-Life of operations Weight with tolerance Gross Weight Net Weight	Durability : 5,000 cycles Insertion force : 35N max. Unmating force :20N max. Test Speed: 10 times/min Functional check every 1000 cycles.	Insertion force : 35N max. and Unmating force :20N max. applied with Test Speed: 10 times/min and found every 1000 cycles functionally working	PASS
		External connectors (Transverse Failure Load): Test Cycles: >10 cycles Direction: Perpendicular (90°) to insertion (Y & Z-Axis) Test Force: 30N Test Speed: 1 cycles/min Functional check at end of the test.	Test Cycles:12 cycles Direction: Perpendicular (90°) to insertion (Y & Z-Axis) with force 30N Test Speed: 1 cycles/min. and found functionally working	PASS
3.	Ethernet cable-Life test	Cable pull out(plastic welding) : After the load of 35N for 1 minute, total 10 cycles	No cracks occur no deformation And working properly	PASS
		Swing test: A total of 120 degrees at a rate of 30 times / min bent, weight 200g, 2000 times.	No cracks occur no deformation And working properly	PASS
		Bending test: 500g, ±90°,R:25.4mm, 60cycle/1min ,3000times	No cracks occur no deformation And working properly	PASS
4.	Bending Radius	25.4 mm for CAT5e	No cracks occur no deformation And working properly	PASS
5.	Vibration Test for Connector Ends As per IEC 60068-2-6	Frequency ranges: 5Hz-150Hz The specimen shall be vibrated in three mutually perpendicular axes(total of 18shocks)	Visual, dimensional and functional check No damage, No hazard observed No deterioration in performance observed	PASS

General remarks- The above parameters have been observed and verified as per manufactures declaration.

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Product Image:



View of CAT 6 PATCH CORD

*****End of test Report*****

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