



Cables | Conductors | Insulators | Transformers

NABL ACCREDITED TESTING LABORATORY VIA TC-16290



RECOGNISED BY BUREAU OF INDIAN STANDARDS



BIS LAB CODE - 8173526

Cables | Conductors | Insulators | Transformers

ISO/IEC 17025:2017 NABL Accredited • ISO 9001:2015 Certified Testing Laboratory

Recognised by: Bureau of Indian Standards (BIS)

ROBUST TESTING SOLUTIONS PVT. LTD.

Plot No. H1-958, RIICO Industrial Area Chopanki, Bhiwadi, Rajasthan-301019 | Tel: +91 9968717582, 9958653555
Email: robusttestlab@gmail.com, info@robustsolutions.in | www.robustsolutions.in

TEST REPORT

Report No. RTS/250630-1	Discipline – Electrical	Date of Issue: 30 June 2025
ULR: TC162902500000005F	Group – Cables & Wires	

GENERAL PARTICULARS OF SAMPLE SUBMITTED

NAME & ADDRESS OF CUSTOMER	Net Gen Innovation Pvt. Ltd. (Brand - Genius Network) 26, PC Ghosh Road, Kolkata-700048
JOB ID	RTS/250F25-01
*CUSTOMER REFERENCE NO	Customer test request dated 20.06.2025
*PART CODE	GFyyPDzzzPCLZxx Eg- GFS2PDLCDPCLZ01, GFM4PDLCDPCLZ03, GFM5PDLCDPCLZ03 xx - Length, zzz - Connector type, yy - Type of Mode XX - 01 for 1mtr, 02 for 2mtr, 03 for 3mtr ZZZ- LCD for LC-LC duplex, SCD for SC-SC Duplex YY - S2 for SM, M3 for OM3, M4 for OM4, M5 for OM5
*SAMPLE DESCRIPTION	Genius Fiber optical patch Cord
PRINTING ON SAMPLE	----
MODE OF PACKAGING	Carton Box
CONDITION OF SAMPLE RECEIVED	Satisfactory
QUANTITY OF SAMPLE	40 Meters finished cable
DATE OF RECEIPT OF SAMPLE	25.06.2025
DATE (S) OF TESTING	26.06.2025 to 27.06.2025
TEST SPECIFICATION	IEC 60332-1 -2, IEC 60754-2 and IEC 61034-2
TEST CONDUCTED	1) Single Vertical (Flammability test), 2) pH test and conductivity test, 3) Measurement of smoke density test
LOCATION OF TESTING	Robust Testing Solutions Pvt. Ltd H1-958, RIICO Industrial Area, Chopanki, Bhiwadi, Rajasthan -301019

*All Information Provided by Customer.

- 1) The test results presented in this report relate only to the sample submitted and not drawn by Robust Testing Solutions Pvt. Ltd. 2) This report shall not be reproduced in part, under any circumstances. The laboratory is responsible for all the information provided in this report, except when information is provided by the customer. 3) This report shall not be used for any legal purposes and not be used as evidence in the court of law. 4) Endorsement of product is neither inferred nor implied and shall not be used in any advertising media without written Permission of Director – Robust Testing Solutions Pvt. Ltd. 5) Total Liability of Robust Testing Solutions Pvt. Ltd., if any, will be limited to Invoiced amount for this report. 6) Unless Otherwise Specified, remnant Sample (if any) shall be discarded 30 days after testing. 7) Test conformance is subject to decision rule of lab.

Report No. RTS/250630-1
ULR: TC162902500000005F
Page 1 of 2

RTS/F/036, Rev. 00

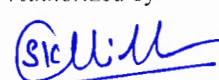
Reviewed by



Sr. Testing Engineer



Authorized by



Sandeep Chhillar
Technical Manager

TEST RESULTS

S. No.	Test Conducted	Test Method	Requirements	Test Results	Remarks
1	Single Vertical (Flammability) test (Time for flame application – 60 Seconds for ≤ 25 mm diameter)				
1.1	Unaffected portion from the lower edge of the top clamp	Annex A of IEC 60332-1-2	Min. = 50 mm	270	Conforms
1.2	Length charged from the lower edge of the top support		Max. = 540 mm	492	Conforms
2	pH test	Annex A of IEC 60754-2	> 4.3 pH	6.23	Conforms
3	Conductivity test		< 10 $\mu\text{s}/\text{mm}$	2.38	Conforms
4	Measurement of Smoke density (smoke emission) (3m^3)	BS EN 61034-2	The minimum value for the light transmittance shall not fall below 60 % at any time during the test	78.5	Conforms

Conclusion: The Sample conforms to various requirements as observed for the above test parameters only.

This conformity statement is provided without considering Measurement uncertainty into account.

End of Report

Report No. RTS/250630-1
ULR: TC162902500000005F
Page 2 of 2

RTS/F/036, Rev. 00

Reviewed by



Sr. Testing Engineer



Authorized by



Sandeep Chhillar
Technical Manager