



Product Carbon Footprint Verification Statement

No. P2GHG 124776 0003 Rev. 00

Client: Zhongtian Radio Frequency Cable Co., Ltd
No 105 Qixin Road
Economic & Technological Development Zone
226010 NanTong, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Responsible Party: Zhongtian Radio Frequency Cable Co., Ltd
No 105 Qixin Road, Economic & Technological Development
Zone, 226010 NanTong, Jiangsu Province, PEOPLE'S REPUBLIC
OF CHINA

Product Name: Electric Cables
Jumper

Verification Criteria : ISO 14067:2018
ISO 14064-3:2019

Declared Unit: 1 kilometer of jumper

System Boundary: From Cradle to Gate: From acquisition of raw materials to
manufacturing stage

Time Boundary: 2023-01-01~2023-12-31

Level of Assurance: Reasonable assurance level

Materiality: Less than 5% of total carbon emissions in the system boundary

Operation Rule: CCB_GHG_GR_001CS Version 02

Verification Conclusion: The product carbon footprint verification statement is based on ISO
14064-3:2019 to verify the claim of the responsible party that "The
Cradle-to-Gate carbon footprint associated with jumper model
4310M-4310M-9*2 and other models (10 models in total, see
Product Carbon Footprints in page 2) produced by the responsible
party within the manufacturing geographical boundary and time
boundary is 1.88E+03 kgCO₂eq/kg (for the remaining 9 jumper
model, see Product Carbon Footprints in page 2)". It was verified
regarding compliance with the requirements of ISO 14067:2018.
The product carbon footprint claim is consistent with the product
carbon footprint verification statement.

The objective of product carbon footprint verification is to confirm the accuracy and conformity of the claim declared by responsible party according to verification criteria. The product carbon footprint verification statement is issued by TÜV SÜD, acting as the third-party validation and verification body, based upon the claim from the responsible party. The data and information supporting the claim were historical in nature. The responsible party is responsible for the claim and its conformity with the applicable specified requirements. This statement does not relieve the responsible party from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on TÜV SÜD and TÜV SÜD shall have no responsibility vis-à-vis parties other than responsible party.

Verification Report No.: 64500240135201

Issue Date: 2024-03-28


(April He)

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Related Industrial Category:	B14 Power distribution and control equipment and its parts; insulated wires and cables; fiber optic cables	
Life Cycle Assessment Software:	SimaPro 9.5.0.0	
Database:	Ecoinvent 3.9.1	
Impact Assessment Method:	IPCC 2021 GWP100 V1.02	
Product carbon footprint:	4310M-4310M-9*2	1.88E+03 kgCO ₂ eq/km
	4310M-4310M-9*15	1.50E+03 kgCO ₂ eq/km
	NM-NM-9*2	1.74E+03 kgCO ₂ eq/km
	4310M-4310MA-9*5	1.62E+03 kgCO ₂ eq/km
	4310M-DM-9*3	1.72E+03 kgCO ₂ eq/km
	4310M-NM-9*3	1.68E+03 kgCO ₂ eq/km
	4310M-DMA-9*3	1.77E+03 kgCO ₂ eq/km
	DM-DMA-9*3	1.82E+03 kgCO ₂ eq/km
	NM-NM-12*3	2.13E+03 kgCO ₂ eq/km
	DM-DM-12*2	2.61E+03 kgCO ₂ eq/km