Technical Construction File
EN 61537:2007
Cable management - Cable tray systems and cable ladder systems

Report reference No.....:	ZJGP26031203420
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Approved by (+ signature).....:	Kosco Vent / Project Manager
Date of issue.....:	March 12,2026
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Reviewing location.....:	4-1208# East Chuangzhi Building, No.511, 2 Big Street, Xiasha, Qiantang District, Hangzhou city, Zhejiang, China
Applicant.....:	Ningbo Jictek Technology Co.,Ltd
Address.....:	Zone D, 3rd Floor, Building 2, No. 58 Jidian Road, Qianwan New District, Ningbo, Zhejiang Province
Manufacturer.....:	Ningbo Jictek Technology Co.,Ltd
Address.....:	Zone D, 3rd Floor, Building 2, No. 58 Jidian Road, Qianwan New District, Ningbo, Zhejiang Province
Factory.....:	The same as manufacturer
Address.....:	The same as manufacturer
Standard.....:	☒ EN 61537:2007
Review Report Form No.....:	61537
TRF originator.....:	GSG
Master TRF.....:	Reference No. EN 61537:2007
Review procedure .....:	GSG
Type of Review object.....:	Wire Mesh Cable Tray
Trademark.....:	-
Model/type reference.....:	CT50-50-3000-6.0、CT50-100-3000-6.0、CT50-150-3000-6.0、CT50-200-3000-5.0、CT50-300-3000- 5.0、CT50-400-3000-5.0、CT50-450-3000-5.0、CT50-500-3000-5.0、CT50-600-3000-5.0、CT100-100-3000-5.0、CT100-150-3000-5.0、CT100-200-3000-5.0、CT100-300-3000-5.0、CT100-400-3000-5.0、CT100-450-3000-5.0、CT100-500-3000-5.0、CT100-600-3000-5.0、CT100-700-3000-5.0、CT100-750-3000-5.0、CT100-800-3000-5.0、CT100-900-3000-5.0、CT150-150-3000-5.0、CT150-200-3000-5.0、CT150-300-3000-5.0、CT150-400-3000-5.0、CT150-450-3000-5.0、CT150-500-3000-5.0、CT150-600-3000-5.0、CT150-700-3000-5.0、CT150-750-3000-5.0、CT150-800-3000-5.0、CT150-900-3000-5.0、PJ-KK34-SET、PJ-KK28-SET、

PJ-SBR-SET、PJ-CSB-SET、PJ-AJC-SET、PJ-CGD、PJ-TTR50-100、PJ-TTR50-200、PJ-TTR50-300、PJ-TTR100-100、PJ-TTR100-200、PJ-TTR100-300、PJ-SPB、PJ-CVRC100-3000、PJ-CVRC150-3000、PJ-CVRC200-3000、PJ-CVRC300-3000、PJ-CVRC400-3000、PJ-CVRC450-3000、PJ-CVRC500-3000、PJ-CVRC600-3000、PJ-BR100、PJ-BR150、PJ-BR200、PJ-BR300、PJ-BR400、PJ-BR450、PJ-BR500、PJ-BR600、PJ-UHDC100、PJ-UHDC150、PJ-UHDC200、PJ-UHDC300、PJ-UHDC400、PJ-UHDC450、PJ-UHDC500、PJ-UHDC600、PJ-MBR100、PJ-MBR150、PJ-MBR200、PJ-MBR300、PJ-MBR400、PJ-MBR450、PJ-MBR500、PJ-MBR600、PJ-LWB100、PJ-LWB150、PJ-LWB200、PJ-LWB300

Rating.....: /

Possible review case verdicts: - review case does not apply to the test object..... : N(.A.) - review object does meet the requirement..... : P(ass) - review object does not meet the requirement..... : F(ail)
General remarks:
"(see remark #)" refers to a remark appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a comma is used as the decimal separator. The review results presented in this report relate only to the object reviewed. This report shall not be reproduced except in full without the written approval of the third party.

Testing:	
Date of receipt of review item:	February 13,2026
Date(s) of performance of review:	February 13,2026 to March 12,2026

General product information:
Wire Mesh Cable Tray

Summary of reviewing:

This review report includes:

Annex I: **1** page(s) of photo documentation.

Copy of marking plate

Wire Mesh Cable Tray, Model: CT50-50-3000-6.0 Ningbo Jictek Technology Co.,Ltd	No marking

EN 61537:2007			
Clause	Requirement – Test	Result	Verdict
6	Classification		P
6.1	According to material		P
6.2	According to resistance to flame propagation		P
6.3	According to electrical continuity characteristics		P
6.4	According to electrical conductivity		P
6.5	According to resistance against corrosion		P
6.6	According to temperature		P
	Minimum transport, storage, installation and application temperature (Tab. 1)		P
	Maximum transport, storage, installation and application temperature (Tab. 2) ..... :		P
6.7	According to perforation in the base area (Tab. 3)		P
6.8	According to the free base area (Tab. 4)		P
6.9	According to impact resistance		P
7	MARKING AND DOCUMENTATION		P
7.1	Each system component marked with:		P
	- manufacturer's or responsible vendor's name or trade mark or identification mark ..... :	Ningbo Jictek Technology Co.,Ltd	P
	- product identification mark ..... :		P
	Marking durable and easily legible: 15 s water		P
	Marking durable and easily legible: 15 s petroleum spirit		P
7.2	Declared temperatures according to Tab. 1 and 2	Not declared	P
	Alternative temperature limits		N
7.3	All information provided in literature: a), b), c), d), e), f), g), h), i), j), k), l), m), n), o), p)		P
8	DIMENSIONS		P
	Information provided by manufacturer:		P
	Overall envelope of the cross-section	See Illustration 1	P
	Base width		P
	Height		P
	Minimum internal radius of fittings		N
	Dimensions of the perforations and their arrangements		P
	Dimensions of rungs including perforations, if any, and the centre line spacing of the rungs		P
9	CONSTRUCTION		P

9.1	Surfaces: do not cause damage to the cables		P
9.2	Safe handling ensured when gloves are not prescribed by manufacturer		N
9.3	Screwed connections and other internal fixing devices designed to withstand mechanical stressed		P
	They do not cause damage to the cable		P
	a) ISO metric threads		P
	b) Thread forming type		N
	c) Thread cutting type		N
	d) Threads other than a) to c)		N
9.3.1	Re-usable screwed connections:		P
	10 times for metal screwed connections in engagement with a thread of non-metallic material and for screwed connections of nonmetallic material		N
	5 times in all other cases		P
	Diameter of screw (mm) ..... :		--
	Torque applied (Nm) ..... :		--
9.3.2	Reusable mechanical connections other than screwed connections: tightened and removed 10 times		N
9.3.3	Non-reusable connections: inspection and manual test, if necessary		N
9.4	Any apparatus mounting device met the requirement of the appropriate standard		N
9.5	System components for segregation of cable adequately secured to other components		
9.5.1	Cable tray lengths, when perforated: regular perforation pattern over the base area		P
9.6	Cable ladder lengths exhibit a regular rung pattern over the base area		P
10	MECHANICAL PROPERTIES		P
10.1	Mechanical strength		P
	SWL declared to be tested:		P
	in N/m for each type of cable tray length or cable ladder length at specified distances, between the support device		P
	in N/m for each type of fitting which is not directly supported	No fittings not directly supported	N
	in N or N/m for each type of support device	No support devices	N
10.2	SWL test procedure		P
	Tests carried out at:		P
	maximum and minimum temperature declared		N
	any temperature within the declared range		P
	maximum temperature only		N

	maximum and minimum temperature only for the smallest and largest size, the other sizes tested at ambient temperature only; applicable if (TDFsmallest – TDFlargest) / TDFmax < 0.1 ..... :		N
	Loads uniformly distributed as shown in annex D		P
10.3	Test for SWL in the horizontal plane running horizontally on multiple spans		P
	Fixing method to rigid support (if declared):		N
	Number fixing-points ..... :		--
	torque (Nm) ..... :		--
10.3.1	Test type I (test arrangement shown in figure 2a)		N
10.3.2	Test type II (test arrangement shown in figure 2b)		P
10.3.3	Test type III (test arrangement shown in figure 2c)		N
10.3.4	Test type IV (test arrangement shown in figure 3)		N
10.3.5	Test type V (test arrangement shown in figure 4)		N
	Practical mid-span deflection of either span at the SWL does not exceed 1/100th of the span		N
	Transverse deflection at the SWL does not exceed 1/20th of the width of the sample		N
	The sample still ensure reliable support to any cable		N
10.4	Test for SWL in the horizontal plane running horizontally on a single span installation		N
10.5	Test for SWL in the vertical plane running horizontally		N
10.6	Test for SWL in the vertical plane running vertically		N
10.7	Test for SWL of fittings mounted in the horizontal plane running horizontally		N
10.8	Test for SWL of support devices		N
10.9	Test for impact resistance		P
	Impact test according to IEC 60068-2-75 (sample length 250 mm ± 5 mm): impacts given in table 5 applied as shown in figure 8		P
	Non-metallic and composite components aged at 60 °C ± 2 C° for 240 h		N
	Samples placed for 2 h at the declared temperature ± 2 C° ..... :		--
	Impact resistance (J) ..... :		--
	Mass of hammer (kg) ..... :		--
	Fall height (mm) ..... :		--
	After the test: no signs of disintegration and/or deformation that impairs safety	No visible disintegration or damage	P
11	ELECTRICAL PROPERTIES		P
11.1	Electrical continuity		P
	Cable tray systems and cable ladder systems declared according to 6.3.2 have adequate electrical conductivity		P

11.1.1	Treatment: degreasing agent		P
11.1.2	Test current equal to 25 A ± 1 A having a frequency of 50 to 60 Hz (A) ..... :		--
	Impedance across the joint ≤ 50 mΩ (mΩ) ..... :		P
	Impedance without the joint ≤ 5 mΩ per metre (mΩ/m) ..... :		P
11.2	Electrical non-conductivity		N
12	THERMAL PROPERTIES		N
	(Under consideration)		--
13	FIRE HAZARDS		N
	All metallic system, no applicable test requirements		--
14	EXTERNAL INFLUENCES		N
	No applicable test requirements		--
15	ELECTROMAGNETIC COMPATIBILITY (EMC)		P
	Products covered by this standards are, in normal use, passive in respect of electromagnetic influences, emission and immunity		--

- End of Review Report -

Type of equipment: Wire Mesh Cable Tray

Details of:

View:

[X] general

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