

STANDARD INFORMATION

Standard: UL 2250

Standard ID: Instrumentation Tray Cables [UL 2250:2017 Ed.3+R:30Mar2022]

Previous Standard ID: Instrumentation Tray Cables [UL 2250:2017 Ed.3+R:12Aug2021]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **March 30, 2024**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: Introduction of suffixes HF, LSHF and ST1 and deletion of LS. Specific details of new/revised requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
35	Info	Vertical-Tray Flame Tests on Cables
35.4	Info	Vertical-tray fire and smoke-release test for cables with i"-ST1" marking
35.4.1		Each Type ITC cable that is surface marked " <u>LS</u> " " <u>-ST1</u> " in accordance with 42.1(a) shall comply with the limits for smoke release and cable damage height stated in the Standard Vertical-Tray Fire- Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685, when sets of specimens as described in 35.4.2 are tested in either of the flame exposures described in UL 1685 with smoke measurements included.
42	Info	Information on or in the Cable
		The following information shall appear at the intervals indicated in 40.1 throughout the entire length of the finished cable. Except for (a)(2) and (a)(3), the sequence of items is not specified. Other information, where added, shall not confuse or mislead and shall not conflict with these requirements. See 45.1 and 45.2 for date marking.
42.1		a) Cable Designation: 4) " <u>HF</u> " suffix to designate cable where all of the combustible materials used in the construction (e.g., insulation, fillers, jackets) are halogen-free in accordance with <u>UL 2885, Outline of Investigation for Acid Gas, Acidity and Conductivity of Combusted Materials and Assessment of Halogens.</u> 5) " <u>LSHF</u> " suffix to designate the cable that meets the " <u>-HF</u> " requirements and also complies with the requirements for low smoke when tested in accordance with <u>IEC 61034-2, Measurement of Smoke Density of Cables Burning Under Defined Conditions – Part 2: Test Procedure and Requirements.</u>