



Hunter Cable Assembly Ltd

a specialist manufacturer and distributor of
cable assemblies, wiring looms and harnesses, box builds and sub assemblies

Cable Assembly Product Receives Award

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The HARTING Technology Group's UHF RFID tag has won the Golden Mousetrap award for its ease of use and innovative cable assembly design.

This transponder was developed in cooperation with project partners Lufthansa Technik Logistik, and is the first of its kind to satisfy the rigorous requirements of maintenance operations in the aviation industry.

The tag enables the identification of components that are located outside the airplane cabin for the first time.

The American magazine 'Design News' has certified the features in this electronic product, the UHF RFID tag, and presented the HARTING Technology Group with the 'Golden Mousetrap' award.

The technology deployed in the device allows contactless radio identification of unambiguous device data over a distance of several meters.

"The tag is based on a unique technology: 3D-MID," said Albert Birkicht, HARTING AG Managing Director, Switzerland.

"The data for the structuring are generated directly from the CAD data and processed in the laser system, enabling structuring without making masks."

Birkicht explains a laser activates the surface of a part manufactured from a specially developed plastic, and this activated surface is chemically metallized in such a way that an antenna field is created. This is called Laser Direct Structuring.

The Magazine in question, Design News, awards prizes for technical innovation and creativity in product design, and has been doing so for more than two decades.

The Golden Mousetrap Awards were presented in the four main categories: Electronics & Test, Automation & Control, Design Tools, Hardware & Software, as well as in Materials & Assembly.

There were a record number of submitted entries this year, and a jury of experts selected 95 finalists and then 18 winners in total.

Cable Assembly suppliers are always on the lookout for tools like this tag from HARTING to make the process of identifying certain components easier. Hunter Cable Assembly is one such supplier.

Visit www.hcal.co.uk for more information and to discuss your requirements in more detail.