



Component Warranty Coverage

- ▶ This warranty covers HCS components sold separately, including HCS cable, connectors and connecting hardware (hereinafter : "HCS Components").
- ▶ Warranted HCS Components shall be free from defects in material and workmanship for a period of thirty-six (36) months following the manufacturing date.
- ▶ HCS Components shall meet the prescribed mechanical and transmission specifications described in the HCS Product Catalog published before the manufacturing date.
- ▶ All warranties shall be subject to the installation, operation and maintenance practices, testing and environmental conditions described in the relevant standards and HCS manuals.
- ▶ This warranty is void in case the INCREMENTAL INSTALLATION & TESTING PROCEDURE is not followed & documented properly.
- ▶ The HCS sole liability shall limited to the costs of the HCS components. HCS shall not be liable for any other costs, including but not limited to costs associated with components fault diagnosis, rectification and installation labor.

HCS Definitions

- ▶ HCS Components must be HCS approved passive connectivity products. Any active equipment, public network interface, or terminal equipment are not covered by this Warranty.
- ▶ The HCS Components must be installed and commissioned by an authorized HCS Certified Installer.
- ▶ All equipment used in the installation must be installed and tested in full compliance to the practices specified in the HCS Manuals, according to relevant standards and with full compliance with the registered category performance.
- ▶ The entire system must be installed according to the INCREMENTAL INSTALLATION & TESTING PROCEDURE, detailed below.

HCS Performance Commitment

- ▶ In case an HCS components fails to comply with any of the warranted parameters an HCS expert will evaluate the HCS responsibilities under this warranty and provide the remedies promised herein. Any such repair or replacement shall be warranted under the terms of this warranty. In case an HCS Component is proved to be defective it will be replaced at no cost to the end user.
- ▶ The HCS Component Warranty is void in case the INCREMENTAL INSTALLATION & TESTING PROCEDURE is not followed & documented properly.

Warranty Limitations

- ▶ Only the repair or replacement of elements in a Certified HCS network by HCS or by its designated Certified Installer is provided under this warranty.
- ▶ This warranty is limited to the original end user for whom it was installed and is not transferable.
- ▶ This warranty is only applicable to the transmission properties and applications of the category, standard or draft standard to which the warranted channels or links were tested to, as indicated in the specific warranty. Updates, modifications and revisions of standards published after the date of testing may not be retroactively applied to this warranty.
- ▶ This warranty is only applicable to Channels and Links that were tested & reported. Failed or non-tested Links or Channels are automatically excluded from the warranty. Channel warranty is not applicable to Link warranty and vice-versa.
- ▶ HCS makes no other representation or warranty of any other kind, expressed or implied with respect to the components sold hereunder, whether as to merchantability, fitness for a particular purpose or any other matter. Under no circumstances or conditions shall the HCS be liable or responsible for any claim of any buyer for costs, expenses, direct or consequential damages due to the use or misuse of the HCS products.
- ▶ This warranty does not cover failure of any HCS systems or components resulting from actions or events beyond the control of HCS including, without limitation, unauthorized or improper repairs, modifications, misuse, accidents, fire, water damage, and acts of God.
- ▶ This warranty does not include modular cords and terminated work-area cables.
- ▶ This warranty shall be expanded only to the extent required by applicable local law.
- ▶ The HCS sole liability relevant to the HCS Component Warranty is limited to the costs of the HCS components. HCS shall not be liable for any other costs, including but not limited to costs associated with components fault diagnosis, rectification and installation labor.

HCS INCREMENTAL INSTALLATION & TESTING PROCEDURE

Each and every HCS site shall be installed according to the INCREMENTAL INSTALLATION & TESTING PROCEDURE, as follows:

1. In any new installation, first install 20-30 links, terminate them and test them as Permanent Links.
In cases where the termination stage is done later, the installer shall temporarily terminate the links with HCS keystone jacks having the same Category as the horizontal cable.
2. Review all the results carefully and verify that all parameters, including but not limited to RL & NEXT, pass with margins of 3 dB minimum over the standard requirements.
3. If all results provide 3dB minimum margin in all parameters you may continue the installation, installing 50 links at a time and testing at least 10% of links installed (5 links minimum in every 50 link batch).
4. In case any link shows margins smaller than of 3 dB stop the installation and check for the reason.
If you cannot find the reason please contact HCS for assistance.
The installation process must not continue until the source of problem is found and all results obtained are above the 3dB minimum margin.
In any case of doubt, question or problem pls contact HCS headquarters for further instruction.
5. All the above pilot tests shall be saved properly, indicating all the relevant details, including time, date and site name, and shall be sent to HCS headquarters for inspection.