SKYLANE OPTICS®

PUBLIC_REV2017_D

Certifications

Public
Certifications

SFP, SFP+, QSFP+, XFP, GBIC, XENPAK, X2

Skylane Optics® is working directly with TÜV and other leading certification institutes, to ensure that Skylane Optics® transceivers are safe and have the smallest possible impact on the environment.

1. Electronic Safety and Laser Safety

Electronic and laser safety standard are set by the International Electro-technical Commission (IEC).

The goal of these standards is to protect human lives, to provide requirements for manufacturers and to ensure that adequate warning labels are provided describing the potential hazards associated with fiber optic communication system and components.

The standards that needs to be fulfilled by an optical transceiver is listed below:

> EN 60950-1:2006 ITE, Safety, General requirements

This standard describes the general requirements for the safety of electronic equipment within the field of audio/video, information technology and communication technology

> EN 60825-1:2007 Safety of laser products

IEC 60825-1 is applicable for the safety of laser products emitting laser radiation in the wavelength range 180 nm to 1 mm.

> EN 60825-2:2004 Safety of Optical Fiber Communication Systems

This part applies to the complete installed end-to-end optical fiber communication system, including its components and sub-assemblies that generate or amplify optical radiation.

2. CE

CE marking is a mandatory conformity mark for products distributed on the European Economic Area (EEA) market. By putting the CE marking on a product, the manufacturer ensures that the product is in accordance with the requirements of applicable EC directives.

3. RoHS

RoHS is an abbreviation of the EU Restriction of Hazardous Substances Directive. This directive restricts the use of six hazardous materials (listed below) in the manufacture of various types of electronic and electrical equipment.

1. Lead (Pb)
2. Mercury (Hg)
3. Cadmium (Cd)
4. Hexavalent chromium (Cr6+)
5. Polybrominated biphenyls (PBB)
6. Polybrominated diphenyl ether (PBDE)

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4. UL

Underwriters Laboratories Inc. (UL) has tested and certified Skylane Optics® fiber optic transceivers, which is mandatory for products intended for the North American market.

UL conducts several audits each year in order to verify compliance with the UL requirements.

Appendix 1: Certificates for Skylane Optics® SFP, SFP+, QSFP+, XFP and GBIC

N.B.: Skylane Optics® is a brand held by Expertise & Solutions en Télécommunications Benelux SA.

More information: https://www.tmdn.org/tmview/bookmark?ST13=EM500000009204132#

UL

NWGQ2.E471856
NWGQ8.E471856

More information: www.ul.com/database

TÜV Rheinland

R 50246740

More information: http://www.certipedia.com/?locale=en

TÜV SÜD

B 13 04 82891 004
B 13 04 82891 005
B 15 08 91922 001
B 16 02 91922 004
B 16 06 91922 003

More information: http://www.tuev-sued.de/industry_and_consumer_products/certificates/certificate_explorer

Shenzhen BST Technology Co., LTD

BT0P05152001
BT0905152002
BT0905152003
BT0905151004
BTRS0905153003
BTRS0905153004
BTRS0905153005
BST10070034SC-2
BST10070035SC-2

More information: http://www.bst-test.com/index.aspx