

**Radio Equipment Directive
(RED) Declaration**

**FiberTwist-G6414 and
FiberTwist-G6426**

EU Declaration of Conformity

Product name: FiberTwist-G6414 and FiberTwist-G6426

With hardware version HV: 1.x where x is from 0 – 9

Genexis Netherlands B.V. declares under its sole responsibility that, this equipment is in compliance with the essential requirements and other relevant provisions of:

- Radio Equipment Directive 2014/53/EU
- Ecodesign requirements for Energy Related Products Directive 2009/125/EC
- RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863
- REACH EC Regulation 1907/2006

For the evaluation regarding these Directives, the following standards have been applied:

CE RED

Council directive 2014/53/EU

Standards:

EN 300 328 V2.2.2 (2019-07)
EN 301 893 V2.1.1 (2017-05)
EN 50385:2017
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-17 V3.2.4 (2020-09)
EN 55032:2015 + A11:2020, Class B
EN 300 386 V2.1.1 (2016-07)
EN IEC 61000-3-2:2019, Class A
EN 61000-3-3:2013/A1:2019
EN 55035:2017 + A11:2020
EN 61000-4-2:2009
EN 61000-4-3:2006/A1:2008/A2:2010
EN 61000-4-4:2012
EN 61000-4-5:2006
EN 61000-4-6:2014
EN 61000-4-11:2004

Test Report No.

CN22V84F 005, CN22V84F 006, CN22V84F 007, CN22V84F 008 by TÜV Rheinland (Shenzhen) Co., Ltd.

CE Electrical Safety

Council Directive 2014/35/EU

Standards:

EN 62368-1:2014 + A11:2017

BS EN 62368-1:2014 + A11:2017

Test Report No.

CN22QAVQ 002 by TÜV Rheinland (Shenzhen) Co., Ltd.

CE ErP

Council Directive 2009/125/EU

Regulations EC 1275/2008 amended with EU 801/2013

Standards:

EN 50564:2011

Test Report No.

CN22ZABP 002 by TÜV Rheinland (Shenzhen) Co., Ltd.

RF Exposure Statement

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 20cm.

RF Output Power/ Frequency Usage

All operational modes:

2.4GHz: 802.11b, 802.11g, 802.11n, 802.11ax

5GHz: 802.11a, 802.11n, 802.11ac, 802.11ax

For each frequency range, the maximum transmitted power:

2400 MHz – 2483.5 MHz: 20 dBm (EIRP)

5150 MHz – 5250 MHz: 23 dBm (EIRP)

5250 MHz – 5350 MHz: 23 dBm (EIRP)

5470 MHz – 5725 MHz: 30 dBm (EIRP)

RF Restriction

In EU, 5150 to 5350 MHz is restricted to indoor.

Place of issue: Eindhoven

Date of issue: 26th of September 2023



Signature

Name: M. Egmond

Function: CTO