

Qoltec[®]



SAFETY WARNINGS FOR USE FIBRE OPTIC COMPONENTS

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

The fibre optic parts on offer from the manufacturer NTEC sp. z o.o. are CE certified, which proves their compliance with EU safety standards.

Use fibre optic parts as intended and as recommended by the manufacturer.

BASIC HAZARDS AND PRECAUTIONS

1. Mechanical risks:
 - Excessive bending, twisting or compression can lead to breakage or weakening of the fibre.
 - Dropping or improperly storing components can damage delicate components.
 - Dirt, dust or grease on the surface of the connector terminals can reduce the quality of signal transmission.
 - Incorrect fixing or overloading can lead to damage to cables and protective covers.
2. Electrical and thermal risks:
 - High ambient temperatures or improper use of the equipment can lead to overheating of splitters or attenuators.
 - The build-up of static electricity can damage sensitive optical components, especially when working in dry environments.
3. Optical risk:
 - Looking directly into active fibre optic connectors can cause damage to the eyes due to the emission of laser light.
 - Improper connection or contamination of the terminals can cause reflections and signal loss.

SPECIFIC HAZARDS ARISING FROM USE

4. Risks of use:
 - Incorrect plugging in of connectors or incorrect connection of splitters can lead to network failure.
 - Using unsuitable tools for assembly or maintenance can damage delicate fibre optic components.
 - Untrained personnel may accidentally damage components or install them incorrectly.
5. Environmental risks:
 - Exposure to rain, moisture or UV radiation can weaken the protective coatings of cables or splitter housings.
6. Compatibility risks:
 - Using fibre optic parts from different manufacturers without first checking compatibility can lead to connectivity problems.
7. Data security risks:

- Inadequate protection of connectors and splitters can allow unauthorised eavesdropping on data transmissions.

MAINTENANCE PRECAUTIONS

8. Cleaning the device:
 - The use of unsuitable cleaning agents can damage optical surfaces or protective coatings.
9. Maintenance:
 - Failure to carry out regular cleaning and inspection may lead to gradual deterioration of signal quality
10. Storage:
 - High humidity, dust, vibration or extreme temperatures can damage components.

ADDITIONAL WARNINGS

11. Child safety:
 - Small components, such as silencers and connectors, can pose a risk of swallowing or choking.
 - Some items may have sharp edges that can cause cuts.
12. Avoid modifications:
 - Do not attempt to repair or modify the fibre optic parts yourself, as this may affect its safety and quality of operation.
13. Action in the event of an emergency:
 - If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
 - If you observe any unsafe product behaviour, contact the manufacturer urgently.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

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