

The purpose of the project was to establish infrastructure for research and development (R&D). Access to the development infrastructure is available to other users in the form of commercial services.

List of available technologies for R&D purposes:

- Line for development and testing of new cables with loose secondary protection
- Line for development of new designs of the internal arrangement of optical cables with both loose and tight secondary protection
- Equipment for corrugation of newly developed cables
- Haul-off device
- Pay-off device for unwinding aramid yarns of newly developed cables
- Measuring instrument for determining parameters of the tested cables
- Equipment for testing optical cables – climatic loading tests of products in the temperature range from -70°C to +100°C
- Test equipment for measuring resistance to repeated rewinding of cables under load (IEC 60794-1-2-E11)
- Test equipment for measuring impact resistance of cables (IEC 60794-1-2-E4)
- Equipment for measuring cable resistance under repeated multiple bends (IEC 60794-1-2-E6)
- Test equipment for measuring tensile strength of cables for indoor use (IEC 60794-1-2-E1)
- Test equipment for measuring tensile strength of cables for outdoor use (IEC 60794-1-2-E1)
- Equipment for testing compressive/crush resistance against cable perforation (IEC 60794-1-2-E3 & E12)
- Equipment for testing resistance of cables to longitudinal torsion (IEC 60794-1-2-E7)
- Equipment for testing sheath resistance and its marking against abrasion (IEC 60794-1-2-E2)
- Equipment for flexibility testing (IEC 60794-1-2-E8)
- Equipment for testing cable bending in a loop (IEC 60794-1-2-E10)

List of offered services for R&D purposes:

- Development of new products in the field of fibre optics, including operation of the above-mentioned technologies

Based on a specific request, we will prepare a price quotation for the use of the offered technology.

Further information:

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EN ISO 9001:2008
EN ISO 9001:2015
EN ISO 14001:2015
Certified Company



Accredited Calibration Laboratory No. 2315
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