



POLYTRONIC

Polymer solutions for technology

UV adhesives for optical components

Maximum precision and transparency for lenses, fibers, and optics

Our specially developed UV-curing resins are optimized for use in optical and fiber optic applications. They offer excellent optical properties, high resistance, and precise processing—for permanently stable and loss-free bonds.

Your advantages:

- **Avoidance of reflection losses** – optimal adaptation to glass and fiber surfaces
- **High transmission** – crystal-clear adhesive layers for maximum light transmission
- **Resistant to yellowing and aging** – permanently transparent bonds even with long-term use
- **Fast UV curing** – controllable in seconds for precise processes
- **Exact positioning** – corrections possible up to exposure
- **Universally applicable** – suitable for glass fibers, lenses, LEDs, optical components, and composite structures

Typical applications:

- Fiber optic connectors and splices
- Fixing and bonding lenses, prisms, and optical components
- Mounting LED and photodetector components
- Integration into optoelectronic systems and sensor technology