



# GigaPOF<sup>®</sup>-TL-MM

## Automatic optical end termination machine

Automatic optical end-face termination machine for the GigaPOF<sup>®</sup> line of fibers. It prepares clean, smooth fiber end-faces in about 10 seconds on bare or buffered fibers, as well as on the connectorized fibers with GigaPOF<sup>®</sup> crimp-on LC and SC connectors. GigaPOF<sup>®</sup> flat cables can be terminated as one complete unit, leaving the fibers and yarn ready for insertion into optical subassemblies after single sheath stripping.

### Instant, simple termination for gigabit links

With our automatic termination machine, termination of GigaPOF<sup>®</sup> fibers and cables is far simpler than any other gigabit-capable medium. This tool clamps the fiber, cable, or connector assembly, while a rotating diamond blade machines the end surface. The result is an end-face that is smooth and clean. Optical termination is completed in about 10 seconds, bringing the installed cost of GigaPOF<sup>®</sup> solutions well below glass and copper alternatives.



### Features and applications

- » 10-second preparation of high-quality end-faces with negligible labor and consumables
- » Terminates multiple fibers at the same time
- » Ideal for assembly of active optical cables with connectorless connection of GigaPOF<sup>®</sup> cables to gigabit devices.
- » Instantly prepare connectorized optical ends in large premise installations



Machine-terminated clean, repeatable end-faces, in the factory or in the field.

### Faceplates\* and Accessories for GigaPOF-TL-MM

Part Number	Description	Notes
GigaPOF-TL-MMFP-BF	Faceplate for bare or buffered fibers	To be used for terminating unconnectorized fibers. Comes with two standard collets (31.5 mm long). Specify fiber size (0.49 –3.0 mm) for collets.
GigaPOF-TL-MMFP-LC	Faceplate for LC connectorized optical ends	To be used for terminating fibers connectorized with crimp-on LC connectors (GigaPOF-CN-SLC-LDCR or GigaPOF-CN-DLC-LDCR). Not for use with ceramic ferrules.
GigaPOF-TL-MMFP-SC	Faceplate for SC connectorized optical ends	To be used for finishing fibers connectorized with crimp-on SC connectors (GigaPOF-CN-SSC-LDCR or GigaPOF-CN-DSC-LDCR). Not for use with ceramic ferrules.
GigaPOF-TL-MMCOL	Replacement standard collet for bare/buffered fibers	To be used with GigaPOF-TL-MMFP-BF. Standard collet length is 31.5 mm. Specify fiber size (0.49-3.0 mm).
GigaPOF-TL-MMDB	Replacement 4 mm diamond blade	5 mm blades also available
GigaPOF-TL-MMDBR	Relap (sharpening) of worn blade	Worn blades can typically be relapped 4 times

\* Additional faceplates are available for factory termination of flat cables and custom cables.