

**Features**

- Optional in-feed of male or female contacts
- Production of Plastic Optical Fibres (POF) with male-male or male-female contacts possible
- Change of contacts does not require a tooling change. The selection is software controlled.
- Repeatable positional accuracy of the contacts relative to the POF
- High quality of welding connections due to temperature control throughout the welding process
- Separation of the carrier strip within the Module incorporating controlled scrap removal



**Technical Data**

**Electrical connection**

230 Vac, 50-60 Hz

**Power consumption**

6 A

**Dimensions [mm]**

**Module**

HxBxT = 1100 x 836 x 930

**Control unit**

HxBxT = 1800 x 600 x 600

**Compressed air**

600 kPa

**Compatible Tyco Electronics Connectors**

MOST™ male connectors  
PN 1534554-1

MOST™ female connectors  
PN 1534555-1

The Dual Laser Module welds plastic connectors on to POF.

Both ends of the POF are welded in only one process cycle.

The module is available for the use on fully automatic production lines and as manual workstation.

It consists of the base unit and an electrical control unit.

Depending on the version the contacts are fed from one or from both sides.



POF with male/male contacts



POF with female/male contacts