

Duplex modul

Red / green pilot laser

(Item.-No.: 1430000740)

IMM Photonics has developed a new duplex modul as a pilot laser for high-power laser systems for the use in medical engineering or material processing.

A red (635 nm) and a green laser diode (520 nm) are coupled on a common fibre. The fibre end can either be bare or quipped with all readily available fibre optic connectors during production. Other fibres and fibres length are available upon request.

A stop filter was integrated for safe usage in high-performance lasers. It prevents reflections of the beam from affecting the laser diodes.

Advantages: Small dimensions, high mechanical stability, multiple adjustment possibilities, cost-efficient even with small volumes as a standard design.



Duplex modul

Technical specifications Duplex modul (Art. No.: 1430000740)

Wavelength	520 nm	635 nm
Optical Power ex fiber	typ. 20 mW	typ. 8 mW
Fibre	50 µm, NA 0.22	
Fibre length	typ. 35 cm	
Connector	typ. FC / PC optional: bare fiber, ST, SC...	
IR Filter	yes	

Subject to technical modifications. As per June 2015.