

FRANK OPTIC PRODUCTS®

optische Technologien

more than
just optics

HPLK CoolConnect HPLN/D - FOP-D10

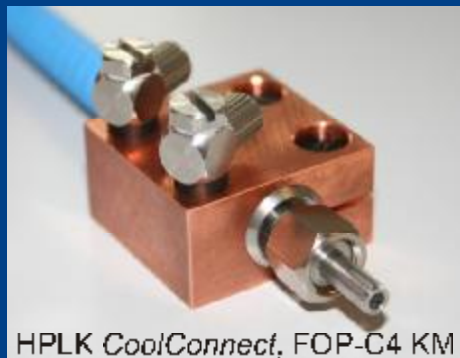


HPLK CoolConnect, FOP-C4

New miniaturized active cooled high-power laser cables for solid-state lasers and high power diode lasers

ferrule: \varnothing 4 mm, length 10 mm
standard with quartz fibres \varnothing 200 up to 800 μ m
water-cooling system connected with PVC-tubing \varnothing 4 mm
coolant: DI-water, max. 5 bar
direct coupling to the laser cooling unit possible, alternatively with external water-cooling device
usable up to 1kW, depending on type of laser

applications:
marking, cutting and welding in the industry and medicine technology



HPLK CoolConnect, FOP-C4 KM

New high-power laser cables with 10 mm - ferrule for solid-state and high-power diode lasers up to 4 kW, individually for all types of lasers

ferrule: \varnothing 10 mm, length 54 mm
standard with quartz fibres \varnothing 400 up to 1500 μ m
in strong metal tubing
usable up to 4kW, depending on type of laser
one cable end configurable with SMA905 connector
optional with fibre break detection, temperature sensor, laser beam protection and plug control

applications:
marking, cutting and welding in the industry, specially suitable for flexible and compact construction, for robot- and portal use



HPLD, FOP-D10

high-power laser cable systems