



LASERLINE LDF 5000-30

Technical specifications

Manufacturer:	Laserline
Designation:	LDF 5000-30
Condition:	very good
Year of manufacturing:	2011
Laser type:	diode laser
Wavelength:	910 + 940 + 980 + 1030nm
Operating mode:	cw + pulsed
Laser power:	5000W
Beam quality (BPP):	30mm mrad
Operating voltage:	400V AC
AC frequency:	50 ... 60Hz
Applications:	welding, brazing, cladding, hardening
Materials to be processed:	mild steel, high strength steels, stainless steel / CrNi, aluminium, titanium, copper / brass
Equipment:	dust protection (external purge air supply), optics chiller, beam switch with 4 fiber exits (2x min. 300 µm NA 0.22, 2x min. 600 µm NA 0.11), field bus interface: Profinet IRT CU



Fiber cable

Fiber cable connector:	LLK-D
Fiber cable length:	30 m
Fiber core diameter:	400 µm

Description

version: VG Flex

operating hours: 2,500 h

ready-to-use system including water-air-chiller pre-installed in 10ft container

All listed systems are ready for demonstration at our location in Burgdorf. We are happy to perform a sample processing on your test components!

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