



IPG YLS 6000

Technical specifications

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|----------------------------|---|
| Manufacturer: | IPG Laser GmbH |
| Designation: | YLS 6000 |
| Condition: | very good |
| Year of manufacturing: | 2009 |
| Laser type: | fiber laser |
| Wavelength: | 1070nm |
| Operating mode: | cw |
| Laser power: | 6000W |
| Stimulation: | diode pumped |
| Beam quality (BPP): | 4mm mrad |
| Operating voltage: | 400V AC |
| AC frequency: | 50 ... 60Hz |
| Applications: | cutting, welding, cladding |
| Materials to be processed: | mild steel, high strength steels, stainless steel / CrNi, aluminium, titanium, copper / brass |
| Equipment: | 4x beam switch (2x 100%, 2x 50%), Profibus interface |



Fiber cable

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|------------------------|---------------|
| Fiber cable connector: | LLK-D |
| Fiber cable length: | 50m |
| Fiber core diameter: | 100µm + 200µm |

Description

internal feeding fiber: QBH, 50 µm core diameter

operating hours: 4,086 h

Laser beam on: 149 h

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