



Tel: (+39) 030 3534144 Fax: (+39) 030 3530815 info@tecnosens.it PEC: tecnosens@legalmail.it



## **FLC-2000S**

**Product code:** FLC-2000S **Manufacturer:** Fujikura Ltd.

The single mode continuous wave range is characterized by the reduced size of the laser beam, the very high power density and beam quality (M2<1.4), allowing operations that cannot be achieved with multimode sources.

Applications in which single mode sources are typically used include:

- remote cutting (the quality of the beam allows high level of focusing)
- remote welding (the use of these sources allows the creation of very high quality welds, reducing the sputtering of molten metal)
- additive 3D processing (high power density allows controlled melting of metal powders used in additive printing)

Beam Quality	M2<1.4
Dimension	448 x 798 x 220
Fiber length	10 / 20 / 30 m
Power	2000W
Cooling	Water cooled

© Tecnosens S.p.A. 2025 1 / 1