



FLC-M (8kW, 10kW, 12kW)

Product code: FLC-M (8kW, 10kW, 12kW)

Manufacturer: Fujikura Ltd.

All the products of the multimode continuous wave fiber lasers range are characterized by high efficiency and integrate the patented Fujikura solutions that eliminate the SRS (Stimulated Raman Scattering) allowing optimal performance even with 90 ° processing on highly reflective materials, such as copper, silver, polished stainless steel.

The flexibility of the products allows the use in numerous applications, such as:

- cutting of metals at high speed or high thickness - the characteristics of the laser beam and the quality of the optical fiber used allow high performance even with 50um delivery fiber
- keyhole laser welding - laboratory tests have shown greater flexibility in the choice of parameters for welding processing at 90 ° on highly reflective copper
- surface hardening treatments
- laser metal deposition (cladding)

Beam Quality	<4 (100um) <8 (200um)
Dimension (mm)	1005 x 804 x 556 mm
Fiber length	10 / 20 / 30 m
Cooling	Water cooled (air dryer for internal humidity control)