



FCL-0300S

Product code: FCL-0300S

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 (W x H x L)	434 x 251 x 535 mm
Wavelength	1070 nm
Fiber length	10m
Power	300W
Cooling	Aircooled