

D2-120

Fiber Coupling Module

The D2-120 is designed to facilitate coupling of a laser beam into either a single or multimode optical fiber. This module incorporates an optional 35 dB optical isolator, prior to the fiber facet, to reduce optical feedback. An FC fiber receptacle is provided with an aspheric AR-coated condensing lens and 6 degrees of freedom for alignment optimization: 3 linear (x, y, z), 2 angular (azimuth, elevation), and 1 rotational (for PM fibers). The incoming beam height matches all D2 series lasers and optical modules. Compatible with a FC-APC and FC-PC fiber connectors.



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Features

- Optimized for use with D2 optical modules
- 6 degrees of freedom for alignment
- Optional 35 dB isolator



D2-120 Specifications

Parameter	Value
Wavelength	760, 767, 770, 780, 785, 795, 808, 838, 852, 895, 935, 1064, 1083, 1092 (nm)
Isolation ¹	> 30 dB
Fiber-Coupling Efficiency ² of D2-120	> 30 dB

¹ Except D2-120-NI which has no isolator.

² With D2-200. Lasers with low M2 will couple more efficiently than those with higher M2.