

**635/532/488nm 1x3 WDM RGB triple
wavelength single mode wavelength division
multiplexer module FC/APC**



- **Product Description**

635/532/488nm red, green and blue three-wavelength single-mode wavelength division multiplexer module (total power 100mW insertion loss 0.8dB return loss 50dB)

- **Product features**

Three wavelength multiplexing; Single mode fiber compatibility; APC end face; Low insertion loss; Compact modular design

● Part Number

MP-WDM-635/532/488-SA

● Application area

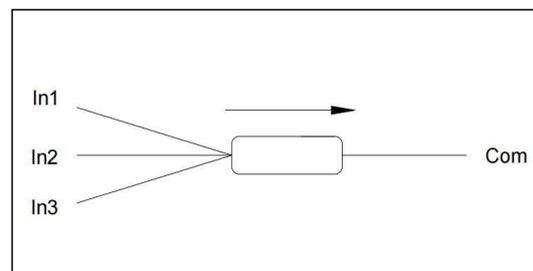
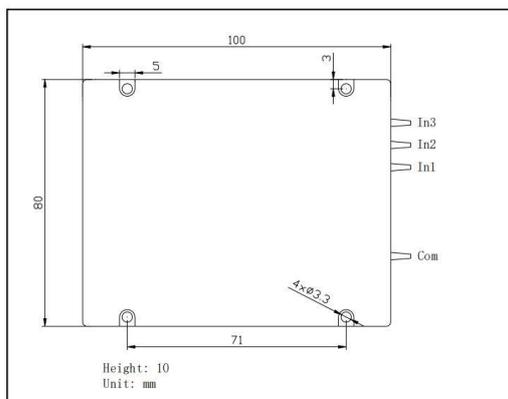
Laser display system | Fluorescence microscopy imaging | Flow cytometry |

Optical metrology | Scientific research experiments

● Core parameters

Working Wavelength	Fiber Length
635/532/488nm	1m

● Dimension Drawing



● General Parameters

General parameters

Parameter	Unit	Value
Working wavelength	-	635, 532, 488
Max. insertion loss (In1→Com, @635nm)	dB	1.2 (Typ.0.8)
Max. insertion loss (In2→Com, @532nm)	dB	1.2 (Typ.0.8)
Max. insertion loss (In3→Com, @488nm)	dB	1.2 (Typ.0.8)
Min. return loss	dB	50
Min . directivity	dB	50
Max. optical power (CW, Overall)	mW	100
Fiber type	-	Nufern 460-HP Fiber
Tensile load	N	5
Operating temperature	°C	-5 to +70
Storage temperature	°C	-40 to +85

*The above specifications apply to devices without connectors and are tested at
23°C.

*For devices with connectors, IL will be 1.5dB higher and RL will be 5dB lower.

The material must be RoHS compliant.



Model Description

MP-WDM--①①①①①①-②②②②-③-④-⑤-⑥⑥

①①①①①①: Wavelength

635348 - 635 & 532 & 488

②②②②: Port configuration

0301 - 3x1

③: All port connector types

1B - FC/UPC

2B - FC/APC

N - None

S - Specify

④: Fiber Jacket on all Ports

F - 900um Loose Tube (White)

S - Specify

⑤: Fiber length

1 - 1.0m

S - Specify

⑥⑥: Package size

65 - 100x80x10mm