

# 1550nm 1X10 Single- Mode Fiber Coupler Module



## ● Product Description

Idealphotonics' 1550nm single-mode fiber coupler module uses a single-mode fiber that is tapered multiple times, which effectively reduces the insertion loss of our module.

## ● Product features

Low accessory loss 、 High operating power



## ● Part Number

MP-FBC-1550-A-110-SA-M

## ● Application area

Fiber Amplifier、 Power monitoring、 Coherent Communications、 Fiber Gyroscope

## ● Core parameters

Center Wavelength	Connector Type
1550nm	FC/APC

## ● General Parameters

Parameters

parameters	Indication	
Operating wavelength	1550±20nm	
Input port	Output port	Input loss (dB)
IN	OUT1	10.5
	OUT2	10.55
	OUT3	10.51
	OUT4	10.62
	OUT5	10.72
	OUT6	10.37

parameters	Indication	
<b>Polarization-dependent loss (PDL)</b>	<b>OUT7</b>	<b>10.73</b>
	<b>OUT8</b>	<b>10.5</b>
	<b>OUT9</b>	<b>10.71</b>
	<b>OUT10</b>	<b>10.48</b>
	<b>≤0.2dB</b>	
<b>Return loss</b>	<b>≥45dB</b>	
<b>Directivity</b>	<b>≥50dB</b>	
<b>Fiber length</b>	<b>100±10cm</b>	
<b>Fiber type</b>	<b>Corning SMF-28</b>	
<b>Connector type</b>	<b>FC/APC</b>	
<b>Dimensions</b>	<b>100X80X10mm</b>	
<b>Operating temperature</b>	<b>-40-85°C</b>	

