

Single Mode Broadband Coupler Module SBCM at 473 nm

Model #: SBCM

Description: Single mode broadband coupler SBCM - 1 x N

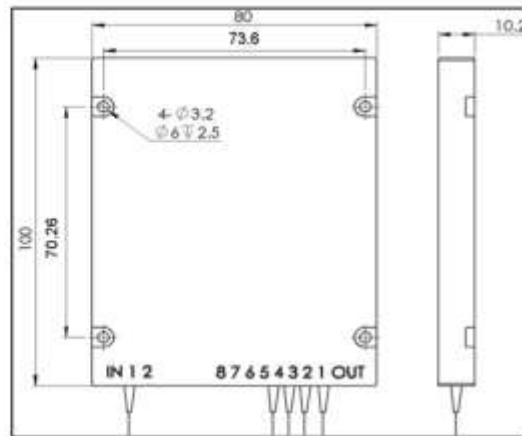
Application: Biomedical, scientific research, etc.

Specifications:

Parameter	Unit	Specifications	
Output Port		1x 3	1 x 4
Central Wavelength	nm	473	
Operating Wavelength	nm	$\lambda_c \pm 2$	
Max. Insertion Loss	dB	6.3	7.5
Max. Polarization Dependent Loss (λ_c)	dB	0.5	
Max. Uniformity (λ_c)	dB	1.0	
Max. Thermal Stability	dB	0.01 over -5 °C to +70 °C	
Min. Return Loss	dB	50	
Min. Directivity	dB	50	
Max. Optical Power (CW)	mW	50	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 85	
Dimension	mm	ABS box: 100 x 80 x 10	

Note: each connector may contribute extra 1.5 dB IL, 5 dB lower RL.

Package Dimensions



Ordering Information:

Single Stage: **SBCM-AAAA-BBB-CC-D-E-F-G**

AAAA: configuration	BBB: wavelength	CC: coupling ratio	D: connector type	E: fiber jacket	F: fiber length	G: fiber type
0103 – 1 x 3	473 – 473 nm	BA – balance	1 - FC/UPC	B – 250 μ m bare fiber	H – 0.5 m	1 – Nuferm 460-HP
0104 – 1 x 4	XXX - other	XX - other	2 - FC/APC	L - 900 μ m loss tube	X - other	
			3 - SC/UPC	2 – 2 mm cable		
			4 - SC/APC	3 – 3 mm cable		
			N - none	X - other		
			X - other			