

Fiber to Fiber Coupler

SMA905/ FC (Standard Product)



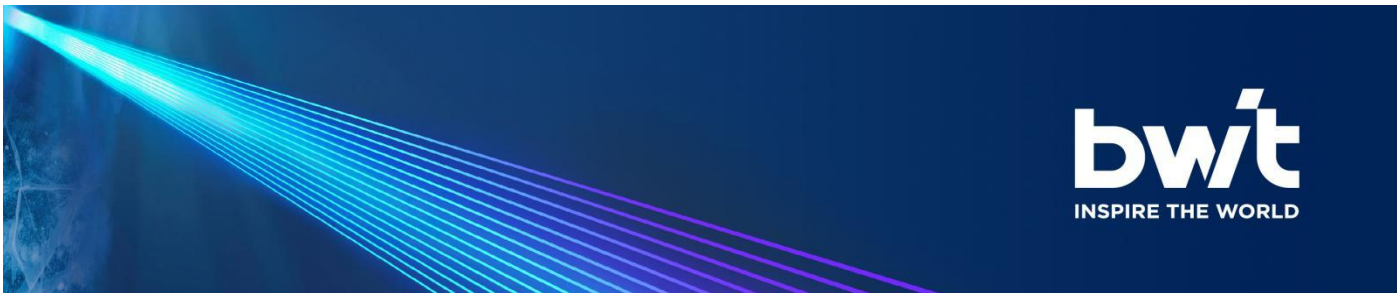
Features :

- ◆ Easily coupled two fibers
- ◆ With high coupling efficiency

BWT, founded in 2003, is committed to the mission of "let the dream drive the light", the vision of becoming the "Global leader in laser solutions", and the value of "Outstanding innovation", providing diode laser, fiber laser, ultra-fast laser products and solutions to global customers.

The company pursues continuous innovation and insists on autonomous and controllable advanced process and technology. With Beijing headquarters as the core, BWT has successively established production and R&D centers in Jiangsu and Shenzhen, and invested in the construction of intelligent and digital production base in Tianjin. To build a high level of technical strength and product quality, BWT set up a German subsidiary in 2020, and taking a solid step for the internationalization of R&D, production and technological innovation.

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00	First edition	2021.09.17



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Specifications	Symbol	Unit	CSM-xxx	CFC-xxx
Housing Material	-	-	Brass, chrome-faced	
Wavelength ⁽¹⁾	λ	nm	600-1000 nm	
Input/Output Fiber Core Diameter	D _{core}	μ m	105/200, 200/400	
Coupling Efficiency ⁽²⁾	η	%	> 90 %	
Fiber Connector	-	-	SMA	FC
Maximum Laser Power	P	W	30 W (CW)	15W(CW)
Length	L	mm	L=27±0.1mm	L=23.5±0.1mm

(1) Customized wavelength.

(2) Neglecting fiber reflection losses, NA (in) ≤ NA (out).

Package Dimensions (mm)

SMA905 Coupler	FC Coupler

OPERATING NOTES

- ◆ Make sure the fiber output end is properly cleaned before operation of laser.



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