

Fiber to Fiber Coupler for High Power

CFC-xxx CSM-xxx CST-xxx



Features:

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

Specifications	CFC-xxx	CSM-xxx	CST-xxx
Housing Material	Brass , chrome-faced		
Wavelength ⁽¹⁾	600 – 1000 nm		
Input/Output Fiber Core Diameter(μm)	200/300,375/400		
Coupling Efficiency ⁽²⁾	> 92 %		
Fiber Connector	FC	SMA	ST
Maximum Laser Power	15W(CW)	30 W (CW)	15 W (CW)
Diameter	$e_{\text{max}}=12\pm 0.1\text{mm}$, $S=14\pm 0.1\text{mm}$		
Length	$L=23.5\pm 0.1\text{mm}$	$L=27\pm 0.1\text{mm}$	$L=37.3\pm 0.1\text{mm}$

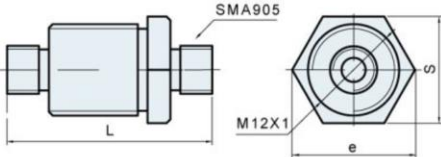
(1) Customized wavelength.

(2) Neglecting fiber reflection losses, $\text{NA}(\text{in}) \leq \text{NA}(\text{out})$.

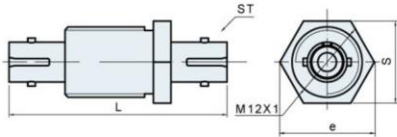
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SMA905 Coupler



ST Coupler



FC Coupler

