

## Multi-Emitter Fiber Coupled Diode Laser Module

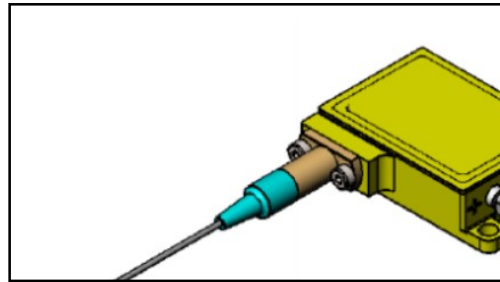
Part Number: STCX-FCP-30-50-976-10

### Feature

- Long life time
- High efficiency
- High reliability

### Applications

- Industry
- Pumping
- Research



	Unit	Min	Typ	Max
<b>Optical characteristics</b>				
CW power (ex fiber)	W		30	
Wavelength	nm	966	976	986
Spectral width (FWHM)	nm		10	
Light within 0.18 NA	NA		95	
Fiber core	um		50	
Fiber connector			N/A	
Fiber protection			Hytel	
Fiber length	M	0.9	1	
<b>Electrical characteristics</b>				
PCE	%		48	
Threshold current	A		48	
Operating current	A		12	13
Operating voltage	V		4.8	5.5
<b>Thermal characteristics</b>				
Wavelength shift with temp.	nm/°C		0.32	
Operating temp.	°C	0	25	40
Storage temp.	°C	-20		
<b>Others</b>				
Back reflection wavelength range	nm	1030		1200
Back reflection isolation	dB		>25	
Lead soldering	°C		260 (10sec)	

