



Single Mode Fibre Optic Couplers

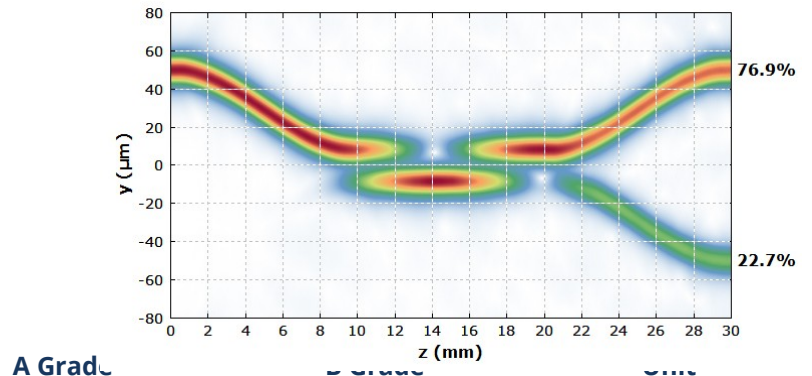
Applications

- Long-haul Telecommunications
- Digital, Hybrid and AM-Video Systems
- High Speed Local Area Networks
- CATV System

Specification

Parameter

Fibre Configuration
 Operating Wavelength
 Bandwidth
 Excess Loss
 Splitting ratio
 Splitting ratio error
 Directivity
 Optical Power Handling
 Operating Temperature Range
 Storage Temperature
 Fibre Type
 Package Dimension



A Grad.

1x2 or 2x2		
1310, 1550 or Other		nm
±50		nm
0.08	0.15	dB
50/50-1/99		%
2		%
> 55		dB
< 500		mW
-40 ~ 70 or -5 to 70		°C
-55 ~ 85		°C
SMF-28 or HI-1060		
Φ30x 35		mm

Order Information

P/N: SMC - ① - ② - ③ - ④ - ⑤ - ⑥ - ⑦



①	②	③	④	⑤	⑥	⑦
Port	Operating Wavelength	Coupling Ratio	Fibre Type	Fibre Diameter	Fibre Length	Connector
1:1x2	106:1064nm	50:50/50	S:SMF-28	2:250µ	1:0.8 m	00: bare fiber
2:2x2	13:1310nm	40:40/60	H:HI-1060	9:900µ	2:1.0 m	FC:FC/PC
3:3x3	15:1550nm	30:30/70	X:XX	2:2.0mm	X:XX	SA:SC/PC
	X:XX	X:XX		3:3.0mm		LP:LC/PC

Note1: IL and RL Values specified are without connector loss.

Note2: Specifications are subject to change without notice.

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