



Features and Benefits

- 1x2 to 1x4 ports
- Custom wavelengths available
- Bi-directional; may be used to split or combine optical signals
- 1x2 and 2x2 couplers available in miniature, semi-ruggedized, and fully ruggedized housings and are supplied with 1m pigtails
- 1x3 and 1x4 couplers available in a variety of housing options with primary coated pigtails, 900µm loose tube buffered pigtails, or with 3 mm fan-out tube buffered pigtails. Call Fiber Optic Center for details.
- Other fiber types and pigtail lengths available on request

Applications

- Telecommunications
- Test equipment
- Fiber optic research
- Fiber sensors

Single Mode Shortwave Fused Couplers



1x2, 1x3, 2x2, 1x4 ports, 633 to 850nm operation

SIFAM's range of single mode shortwave couplers are designed for use at 633 to 850nm.

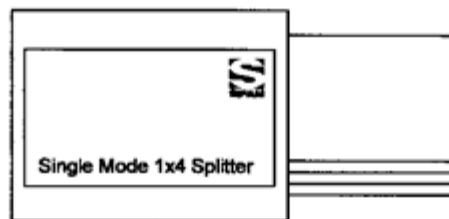
SPECIFICATIONS

Optical Specifications				
Operating Wavelength	Any specified wavelength in range 633 - 850nm			
Port Configuration	1x2, 2x2		1 X 3	1 X 4
Grade	BB	B	C	C
Typical Excess Loss (dB)	0.2	0.3	0.5	0.5
Maximum Insertion Loss (dB)	3.8	4.2	6	7.7
Uniformity (dB)	1.2	1.8	1.9	2.7
Directivity (dB)	50			

ORDERING INFORMATION

Ordering Codes				
Type	1 x 2	2 x 2	1 x 3	1 x 4
Primary Coated (250µm) Pigtails	L	L	L	L
900µm Loose Tube Pigtails	P	P	P	P
3 mm Fan-Out Tube Buffered Pigtails	R	R	R	R
Format Codes	2S	22S	3S	4S
Operating Wavelength XXX nm	XXX	XXX	XXX	XXX
Grade BB	BB	BB	--	--
Grade B	B	B	--	--
Grade C	--	--	C	C
Coupling Ratio 50%	50	50	--	--

P	22S	780	B	50
Housing Code	Format Code	Operating Wavelength 780nm	Grade	Coupling Ratio



FOR ADDITIONAL INFORMATION ON THIS OR OTHER PRODUCTS AND THEIR AVAILABILITY, PLEASE CONTACT FIBER OPTIC CENTER, INC.