



Features and Benefits

- Flat wavelength response
- Low PDL
- Proven reliability
- Standard tap ratios on 1, 3, 5, 10 or 50%
- Custom ratios available.
Contact Fiber Optic Center

EDFA Tap Couplers (L-band)



1570-1600nm operation

SIFAM's L-band Tap Couplers are optimized for signal monitoring in L-band EDFAs over 1570-1600 nm. They also perform well over L-band definitions outside of 1570-1600. They possess low PDL and a flat wavelength response across the Erbium gain spectrum.

SPECIFICATIONS

Optical Specifications										
Operating Wavelength Range (nm)	1570 to 1600 *									
Coupling Ratio	1%		3%		5%		10%		50%	
Grade	AA	A	AA	A	AA	A	AA	A	AA	A
Typical Excess Loss (dB)	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2
Max. Insertion Loss (Ports 1-2) (dB)	0.2	0.3	0.3	0.4	0.4	0.5	0.7	0.8	3.3	3.6
Max. Insertion Loss (Ports 1-3) (dB)	21.5	23.9	16	17	14	14.5	11	11.5	3.3	3.6
Wavelength Dependence of Tap Insertion Loss (dB)	0.2	0.4	.15	0.3	.15	0.2	.15	0.2	.15	0.2
Directivity (dB)	50									
Return Loss (dB)	50									
PDL (dB) (Tap Port)	0.2	0.3	.15	.25	.15	0.25	.15	0.2	0.1	0.1
* For L=band definitions outside 1570-1600 nm, please contact Fiber Optic Center										

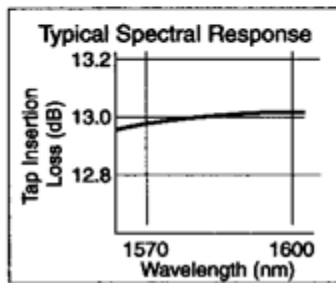
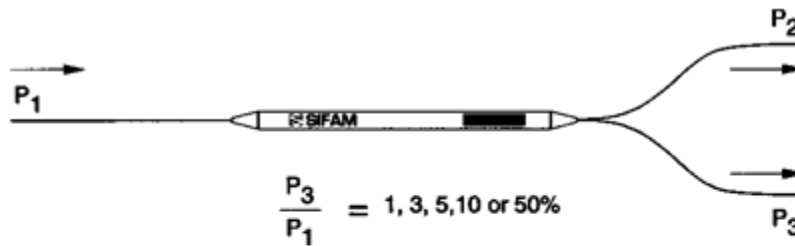
ORDERING INFORMATION

Ordering Codes

Port Configuration	1 x 2
Primary Coated Pigtails (250 µm)	L
900 µm Loose-Tube Pigtails	P
Operating Wavelength 980 nm	2S98
Operating Wavelength 1585 nm	2SEWF1585
Grade AA	AA
Grade A	A
Coupling Ratio 1%	10
Coupling Ratio 3%	03
Coupling Ratio 5%	05
Coupling Ratio 10%	10
Coupling Ratio 50%	50

eg.:

L	2SEWF	1585	AA	03
Housing Code	Format Code	Operating Wavelength	Grade	Tap Ratio



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