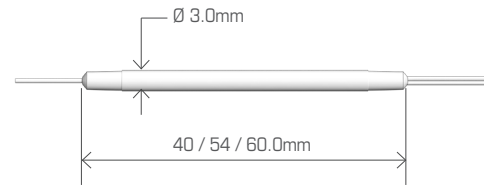


FUSED BICONIC COUPLERS



FBC's are available in a wide variety of configurations, tap ratios, wavelength ranges, housing and connector options, and can therefore be readily specified in a wide variety of applications, enabling

rapid design cycles and new project builds. These products are particularly well suited for harsh environments.

FUSED SERIES

PARAMETERS	SINGLE WINDOW				DUAL / TRIPLE WINDOW				UNIT	
	P	A	P	A	P	A	P	A	-	
Grade	P	A	P	A	P	A	P	A	-	
Configuration	1×1(Attenuator), 1×2, 2×2								-	
Fiber Type	SMF-28, MM fibers, PM fibers, others								-	
Wavelength	808, 850, 980, 1060, 1310, 1480, 1550, 1620								nm	
Bandwidth	B	Narrowband ±20		Broadband ±40		Broadband ±40		Ultra Broadband	nm	
Insertion Loss	Max	3.4	3.6	3.4	3.7	3.6	3.9	3.7	4	dB
Excess Loss	Typ	0.06	0.1	0.1	0.15	0.06	0.1	0.1	0.15	dB
Uniformity	Max	0.5	0.8	0.6	0.9	0.8	1.1	1	1.4	dB
PDL	Max	0.05	0.1	0.1	0.15	0.15	0.2	0.15	0.2	dB
Return Loss	Min	50 (Test at central wavelength only)								dB
Operating Power	Max	5.0								W
Operating Temperature		-40 ~ +70								°C
Storage Temperature		-40 ~ +85								°C

*Note: Specifications without fiber connectors.

CODE	PORTS	WAVELENGTH		RATIO		PACKAGE		FIBER JACKET		CONNECTOR TYPE		FIBER LENGTH		
F4M-FBC	11	1×1 Attenuator	80	808nm	01	1/99	1	3×54 mm	25	250µm Bare Fiber	0	None	10	1m (Std.)
	12	1×2	85	850nm	02	2/98	2	3×64 mm	BR	250µm Ribbon	A	SC/UPC	15	1.5 Meter
	22	2×2	98	980nm	03	3/97	3	3×60 mm	9L	900µm Loose Tube	B	SC/APC	S	Specify
			31	1310nm	05	5/95	4	3×40 mm	9T	900µm Tight Buffer	C	FC/UPC		
			49	1490nm	10	10/90	5	3×45 mm	2M	2.0mm	D	FC/APC		
			55	1550nm	20	20/80	6	10×20×90 mm	3M	3.0mm	E	LC/UPC		
			34	1310&1490nm	25	25/75	7	80×100×10mm	S	Specify	Q	LC/APC		
			35	1310&1550nm	30	30/70	X	Custom			S	Specify		
			45	1490&1550nm	40	40/60								
			TW	1310&1490 & 1550nm	50	50/50								
			S	Specify		EQ								

ORDER CODE EXAMPLE

F4M-FBC -12 - 35 - 30 - 1- 25 - 00 - 10

