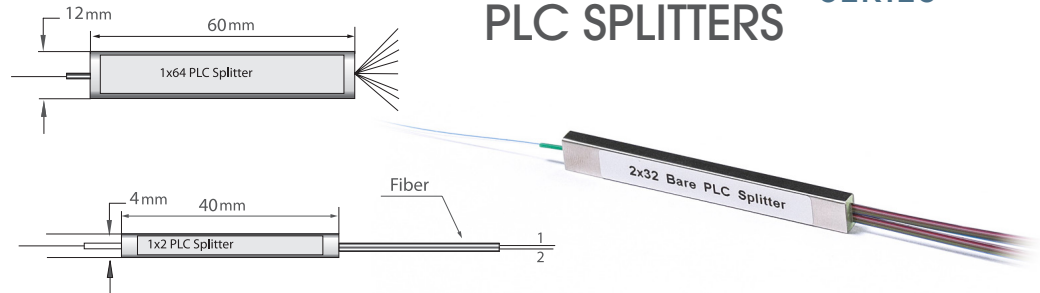


- Low insertion loss
- High maximum power tolerance
- Excellent splitting uniformity
- Broadband Operating wavelength
- Compact design
- Low polarization independent



PLC SPLITTERS

1xN and 2xN Planar Light wave Circuit (PLC) Splitters are based on the Plasma Chemical Vapor Deposition (P-CVD) technology and its patented fabrication process for providing stable optical character. PLC Splitter features guaranteed performance speci-

fications and high reliability that surpass Telcordia requirements and is tailored for different applications and markets.

SPECIFICATIONS*

PARAMETERS		1X2	1X4	1X8	1X16	1X32	2X2	2X4	2X8	2X16	2X32	UNIT
Operating Wavelength		1260 ~1650										nm
Insertion Loss	Typical	3.6	7.0	10.0	13.3	16.3	3.7	7.0	10.8	13.6	16.8	dB
	Max	4.0	7.4	10.7	13.7	16.9	4.2	7.8	11.5	14.5	17.7	dB
Loss Uniformity	Typical	0.3	0.4	0.5	0.6	0.8	0.5	1.0	1.0	1.2	1.5	dB
	Max	0.4	0.6	0.8	1.2	1.5	0.6	1.2	1.5	1.8	2.0	dB
Return Loss		55/50										dB
PDL	Typical	0.1	0.1	0.15	0.15	0.15	0.1	0.1	0.2	0.3	0.3	dB
	Max	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.4	0.4	dB
Directivity, (Min)		55										dB
Wavelength Dep. Loss	Typical	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.5	0.5	dB
	Max	0.3	0.3	0.3	0.5	0.5	0.4	0.4	0.5	0.6	0.8	dB
Package	Bare	40x4x4				50X7X4	50X4X4			60X7X4		mm
	Blockless	60x7x4			60x12x5	80X20X6	60X7X4		80X12X5	100X20X6		
Operating Temp.		-40 ~ +85										°C

*Note: Specifications without fiber connectors. Value of parameters shows at room temperature. Custom specification is also available.

ORDER CODES

CODE	INPUT-OUTPUT		PACKAGE		INPUT FIBER		OUTPUT FIBER		CONNECTOR INPUT		CONNECTOR OUTPUT		FIBER LENGTH	
	Ratio	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
F4M-PLC	1X2	1 Input, 2 Outputs	BP	Bare Package	25	250µm Bare Fiber	25	250µm Bare Fiber	0	None	0	None	10	1.0 m
	1X4	1 Input, 4 Outputs	BL	Blockless	9L	900µm Loose Tube	9L	900µm Loose Tube	A	SC/UPC	A	SC/UPC	15	1.5m
	1X8	1 Input, 8 Outputs			9T	900µm Tight Buffer	BR	Bare Ribbon	B	SC/APC	B	SC/APC	S	Specify
	116	1 Input, 16 Outputs							C	FC/UPC	C	FC/UPC		
	132	1 Input, 32 Outputs							D	FC/APC	D	FC/APC		
	164	1 Input, 64 Outputs							E	LC/UPC	E	LC/UPC		
	2X2	2 Input, 2 Outputs							Q	LC/APC	Q	LC/APC		
	2X4	2 Input, 4 Outputs							S	Specify	S	Specify		
	2X8	2 Input, 8 Outputs												
	216	2 Input, 16 Outputs												
	232	2 Input, 32 Outputs												
	264	2 Input, 64 Outputs												

ORDER CODE example:

F4M-PLC - 132 - BL - 25 - 9L - 0 - 0 - 10

Datasheet-F4M-Rev 2.0 - Changes without prior notice

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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