1310nm SM Fiber Array

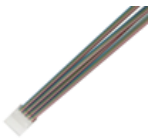
1310nm SM Fiber Array is a fiber optic product built with SM fiber, the FA end face can be 0°, 7° or 8° (or customized) polished, FA channel can be 1, 2, 4, 8, 16, 32, 48 CH, it's widely used in MEMS systems,fiber optic sensor and silicon photonic field. FA channel can be customized upon request. FA with AR-Coating is also available.

Application:

MEMS Systems
Fiber Optic Sensor
Silicon Photonic
Lab And Research

Features:

Low PDL
Low Insertion Loss
RoHs Compliant
High Reliability

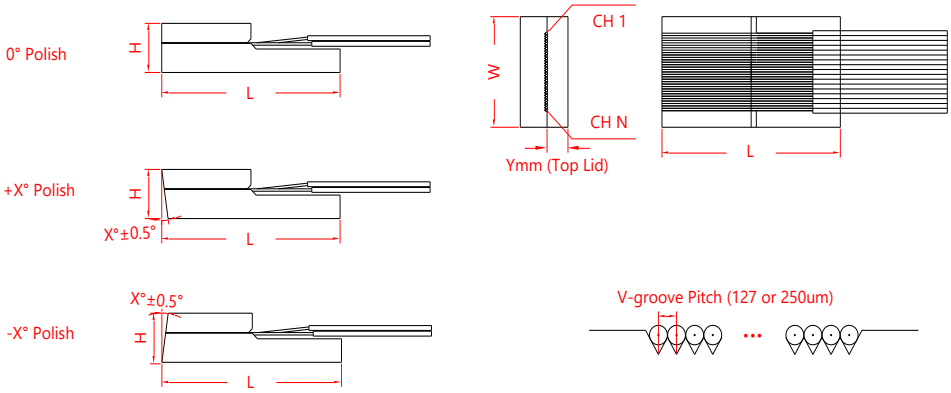


Specification:

Parameter		Symbol	Value						Unit
Center Wavelength		λ	1310						nm
Bandwidth		BW	±20						nm
Channel			2	4	8	16	32	48	CH
Max. Insertion Loss		IL	0.3						dB
Max. Polarization Dependent Loss		PDL	0.15						dB
Polish Angle			0, 7, 8, 10 (±0.5) or Customized						Degree
V-groove Pitch			127 or 250 (±0.5)						um
Top Lid Thickness			0, 0.1, 0.2, 0.5, 1						mm
Fiber Type			SMF-28e fiber						-
Operating Temperature		T	-20~75						℃
Storage Temperature		T	-40~85						℃
Package (L*W*H)	for 127um Pitch		9.5*2.5*2.5	9.5*2.5*2.5	9.5*3.0*2.5	9.5*3.5*2.5	11.5*5.7*2.5	11.5*9.0*2.5	mm
	for 250um Pitch		9.5*2.5*2.5	9.5*2.5*2.5	9.5*3.2*2.5	9.5*5.0*2.5	11.5*9.0*2.5	11.5*15*2.5	mm

Notice: Above specifications are tested at center wavelength with connectors in room temperature @23℃.

Drawing:



Ordering Information (Part Number):

SMFA-WWWW-CC-PP-VVV-TT-J-LL-CC

WWWW	CC	PP	VVV	TT	J	LL	CC
Wavelength	**Channel**	**Polish Angle**	**V-groove Pitch**	**Top Lid Thikness**	**Fiber Jacket**	**Fiber Length**	**Connector**
1310 - 1310nm	02 - 2 Channels	0D - 0°	127 - 127um	NE - None	B - 250um Bare Fiber	05 - 0.5m	NE - None
1550 - 1550nm	04 - 4 Channels	P7 - +7°	250 - 250um	Z1 - 0.1mm	9 - 900mm Loose Tube	10 - 1.0m	FA - FC/APC
SSSS - Specify	08 - 8 Channels	N7 - -7°		Z2 - 0.2mm		15 - 1.5m	FU - FC/UPC
	16 - 16 Channels	P8 - +8°		Z5 - 0.5mm		20 - 2.0m	SA - SC/APC
	32 - 32 Channels	N8 - -8°		01 - 1mm		SS - Specify	SU - SU/APC
	48 - 48 Channels	P10 - +10°		SS - Specify			LA - LC/APC
	SS - Specify	N10 - -10°					LU - LC/UPC
		SS - Specify					SS - Specify