

1550nm 1CH PM Fiber Array

1550nm 1CH PM Fiber Array is a fiber optic product built with PM panda fiber, the PM fiber ribbon is arranged into the V-groove with horizontal or vertical axis alignment, the FA end face can be 0°, 7° or 8° (or customized) polished, 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:

High Extinction Ratio
Low Insertion Loss
RoHs Compliant
High Reliability



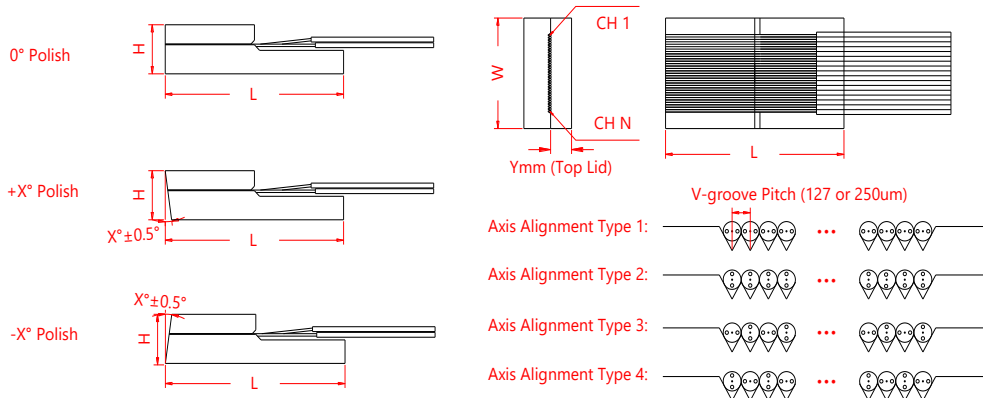
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1550	nm
Bandwidth	BW	± 20	nm
Channel		1	CH
Max. Insertion Loss	IL	0.3	dB
Min. Extinction Ratio	ER	20	dB
Polish Angle		0, 7, 8, 10 (± 0.5) or Customized	Degree
V-groove Pitch		None	um
Top Lid Thickness		0, 0.1, 0.2, 0.5, 1	mm
Axis Alignment		Horizontal or Vertical	-
Axis Alignment Tolerance		± 2	Degree
Fiber Type		PM 1550 Panda fiber	-
Operating Temperature	T	-20~75	°C
Storage Temperature	T	-40~85	°C
Package		L9.5xW2.5xH2.5	mm

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

Slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

PMFA- WWWW - CC - PP - T - A - J - LL - CC							
WWWW	CC	PP	TT	A	J	LL	CC
Wavelength	Channel	Polish Angle	Top Lid Thickness	Axis Alignment	Fiber Jacket	Fiber Length	Connector
1310 - 1310nm 1550 - 1550nm	01 - 1 Channel SS - Specify	0D - 0° P7 - +7° N7 - -7° P8 - +8° N8 - -8° P10 - +10° N10 - -10° SS - Specify	NE - None Z1 - 0.1mm Z2 - 0.2mm Z5 - 0.5mm 01 - 1mm SS - Specify	1 - Type 1 2 - Type 2 3 - Type 3 4 - Type 4	B - 250um Bare Fiber 9 - 900mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify