

# 32CH PM Fiber Array

## Features

- PM photonic waveguide devices
- PM-collimator arrays
- Multi-PM fiber collimators
- Different laser sources
- Telcordia compliant
- RoHS compliant

## Applications

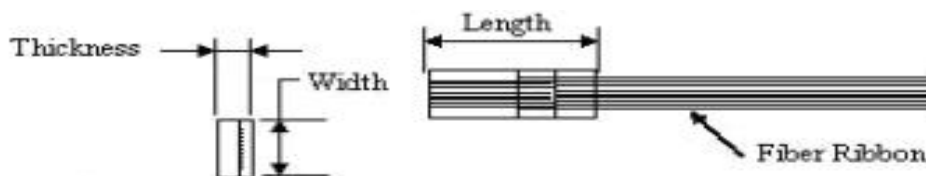
- PM PLC splitter
- Other PM device

## Specifications

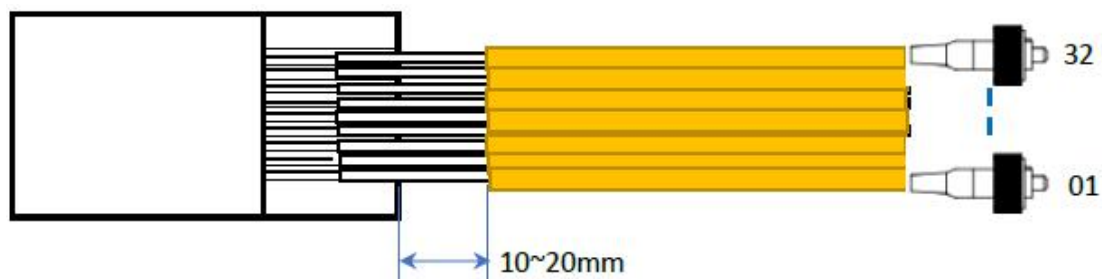
Number of channels		1	2	4	8	16	32
Material		Quartz					
V-groove Core Pitch	$\mu\text{m}$	250/127( $\pm 0.5$ )					
Polishing Angle	degree	8° ( $\pm 0.5^\circ$ )					
Fiber Type	/	PM1550					
Extinction Ratio	dB	$\geq 18$					
Channel Spacing	$\mu\text{m}$	/	250	250	127/250	127	127
Package (L) $\pm 0.5$ X(W)X(H)	mm	6 x2.5x2.5	9.5x2.5x2.5	9.5x2.5x2.5	9.5x3.5x2.5	11.5x3.5x2.5	11.5x5.7x2.5
Operating Temperature	$^\circ\text{C}$	-5~75					
Storage Temperature	$^\circ\text{C}$	-40~85					

# 32CH PM Fiber Array

## Mechanical Dimensions



## Polishing Angle

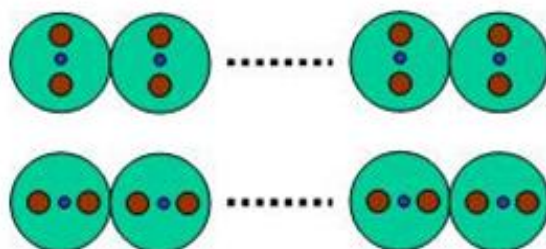


## PM Fiber Alignment

### PM Fiber Alignment in V-groove

PM orientation I :

PM orientation II :



# 32CH PM Fiber Array

## PM Fiber Alignment in Connector



## Ordering Information

X	GROWSFIBER	G=GROWSFIBER
XX-	PM Product Type	PMSFA=Polarization maintaining Singlemode Fiber Array PMMFA=Polarization maintaining Multimode Fiber Array
XX-	Channel Count	01=1channels 02=2channels 03=3channels 08=8channels ..... 64=64channels
XX-	Material Shape	01=D type Capillary 02=Quadrate Capillary 03=V groove XX=Customized
X-	Material	Q=Quartz
XX-	Core Pitch	25=250 $\mu$ m 12=127 $\mu$ m NA=N/A XX=Customized
X-	Fiber Type	1=1550 2=1300 3=980 X=Customized
XX-	Fiber Length	05=0.5m 12=1.2m 15=1.5m .....
X-	Fiber Shape	B=250 $\mu$ m bare fiber L=900 $\mu$ m loose fiber

# 32CH PM Fiber Array

		X=Customized
X-	Fiber Color	S=GrowsFiber Standard X=Customized
X-	Polishin Angle	A=+8° V=-8° N=0° X=Customized
X-	Connector	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC X=Customized
X-	Panda eye Angle	1= I 2= II 3=III 4=IV X=Customized

Part Number	Product Description
GPM5FA-32-03-Q-12-1-10-L-X-A-2-2	32-channel PM fiber array (PM15-25D), 127um Core Pitch, +8 degree polishing Angle, 1.0m length, 900um Loose tube with FC/APC Connector

## Revision History

Revision	Date	Description
V0	2022-03-08	Initial release