

ファイバーアレイ
Fiber Array

Key Features

Excellent fiber core position accuracy
Glass V-groove substrate and lid.
Hermetically sealed package with metalized fiber available
Qualified Under Telcordia GR-1221 and GR-1209



Applications

Splitters / combiners
Arrayed Waveguide Gratings(AWGs)
Variable Optical Attenuators
CWDM/DWDM components
Optical Switches, MEMS

Optical Specifications

Parameter	Unit	Value
Material		Quartz, Pyrex or Silicon
No. of Channel		1, 2, 3, 4, 6, 8, 12, 16, 24,32,40, 48, 64,128
Core Pitch / Max. Core Pitch Offset	μm	250, 127 / 0.7
Fiber Array Length	m	2.0±0.1
Polishing Angel	°	0,+8, -8 (±0.3)
Polishing Flatness		< 5 fringes@633nm
Fiber Type		SMF-28e or SMF-28e XB
Operating Temperature	°C	-40~+85

Channel Count	Core Spacing(μm)	L(mm)	W(mm)	H(mm)	h(mm)
1	-	7.5	2.5	2.5	1.5
4	250	9.5	2.5	2.5	1.5
8	127	11.5	2.5	2.5	1.5
8	250	9.5	3.5	2.5	1.5
16	127	9.5	3.5	2.5	1.5
24	250	11.5	13	2.5	1.5
32	127	11.5	5.7	2.5	1.5
32	250	11.5	11	2.5	1.5
40	127	11.5	13	2.5	1.5
48	250	11.5	9	2.5	1.5
64	127	11.5	20	2.5	1.5
128	127	12	18.50	2.5	1.5

Ordering information

YAS	Material	Channel	Core Spacing	Color	Fiber Type	Packaging Dimension	Pigtail Type	Angle	Pigtail Length

Contact your OSTenp representative for information on specifications and availability.

Material	Q=Quartz; G=Glass; S=Silicon; P=Pyroceram
Channel	1=1ch; 2=2ch; ...; 48=48ch; 64=64ch; X=Other
Core Spcacing	7=127; 5=250; X=Other
Color	1=No Color; 2=White; 3=International Standard; X=Other
Fiber Type	1=G652D; 2=G657A; X=Other
Packaging Dimension	1=Standard; X=Other
Pigtail Type	L=0.9mm loose tube, T=0.9mm tight tube, N=250μm Ribbon Fiber ,B=250μm Bare Fiber
Angle	8=98°; 0=90°; 2=82°
Pigtail Length	12~50=1.2~5.0m; X=Other

* 詳細は、お手数ですがお問い合わせフォームにお願いします。

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