

90° Bending Fiber Array

Yilut 90deg Bending Fiber Array is fabricated with Yilut self-made high precision V-Groove and ribbon fiber. By special bend, assembly and polish process, the 90deg FA get low insertion loss, high accuracy fiber core pitch and 2000hours reliability qualified. Compact package with height less than 3.8mm can be customized for Si-Photonics transceiver

Features:

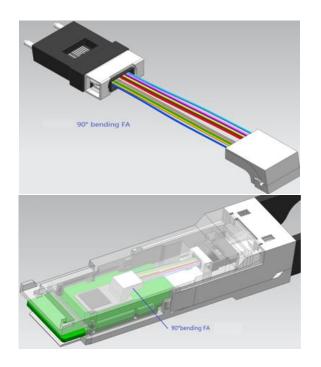
- Ultra flexible optical fiber
- 2000h reliability test qualified.
- High fiber core position accuracy.
- Compact package dimension

Application:

- 100G/400G transceiver by Si-Photonics
- COBO

Standard:

- Substances according to RoHS2011/65/EU
- Product is qualified to Telcordia GR-1221-CORE



Specifications:

Parameter	Unit	Value
Fiber number		4 , 8, 12
V-groove material		Quartz or Pyrex
Height of FA	mm	3.78
Core Pitch	μm	250 ± 0.5
Polishing angel	deg	8 ±0.5
Fiber Length	mm	customized
Insertion Loss	dB	≤ 0.35
Return	dB	≥ 55
Operating & Storage Temperature	°C	-40 to +85