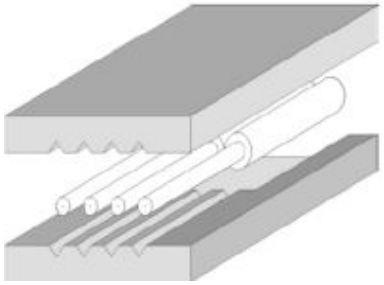
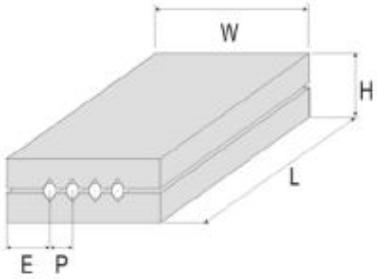
Fiber Arrays

Fiber-Arrays consist of single mode optical fibers assembled and polished within an angled silicon V-groove. Assembled arrays come with a specific number of fibers, a fiber type and connectors on one end, and different pitches. The angled tip of arrays reduces back-reflection.

Our fiber arrays have uniform positioning of the fiber centers due to proprietary assembly process

These collimators can be used for fiber-optic switches, DWDMs, fiber-optic attenuators, optical isolators and other devices.

WEBCODE:	D146-xxx	
DRAWING		
		
SPECIFICATIONS	SYMBOL	VALUE
Number of fibers	N	4 - 8 - 16 - 24 - 32 - 48
Pitch between fibers	P	typically 0.250 mm (or multiple of)
Polishing angle	A	0° - 8°
Height	H	2.0 mm
Width	W	
Length	L	10 mm
Edge to first fiber distance	E	
Fiber Type		typically SMF28
Fiber Length		typically 1 meter
Fiber Jacket		900 µm tight buffer 3 mm protective jacket
Fiber Connector		FC/PC - FC/APC
AR coating		optionnal
NOTE		All specifications are customized on request