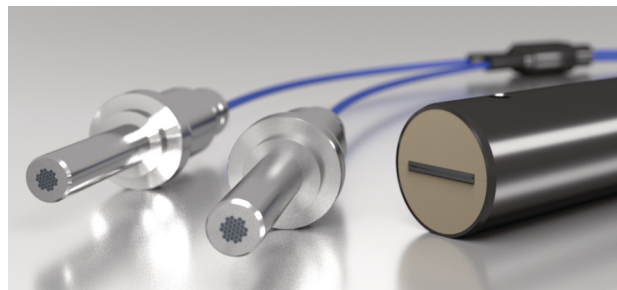




# Fiber Optic Bundles

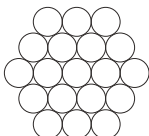
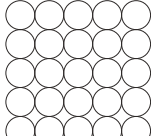
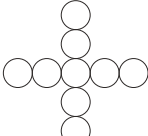

## Customized Fiber Light Guides

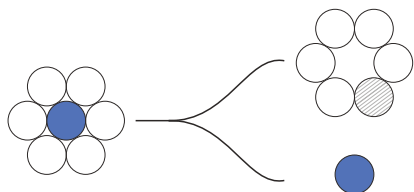

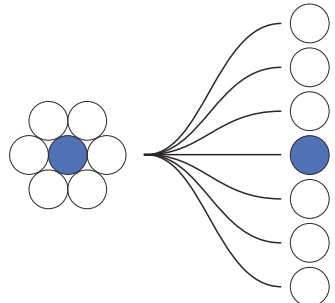


SQS Vlaknova optika offers fiber optic bundles creating special optical fiber light guides in various configurations. Variety of bundled fiber numbers and fiber arrangement patterns may be combined with various configurations of fibers on the other side of the bundle, e.g. straight, bifurcated or fan-out configuration.

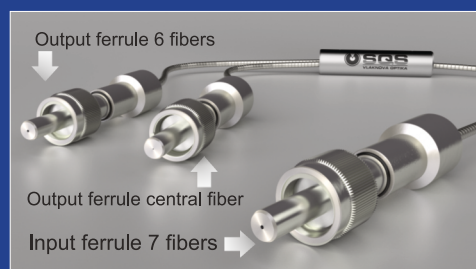
Fibers may be terminated with standard optical connectors. Fixing ferrules may be customized.

Applications: Signal splitting or combining, light beam reshaping

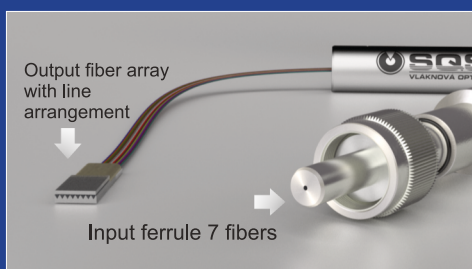
Specification		Bundled Fiber Pattern Examples		
Fiber type	SI MM, GI MM, SM, PM, etc.	<div>Hexagonal</div> 	<div>Square</div> 	<div>Cross</div> 
Connector type	SMA 905, FC, ST, etc.			
Ferrule material	Metal (SS, Kovar, ... ), Glass (Fused Silica), etc.			
Tubing	Metal, PVC, PTFE, PVDF, etc.			
Pattern	Round, square, line, hexagonal, cross, etc.			
Fiber count	Based on customer requirements	<div>Precise V-groove Array</div> 		
Length				
Temperature range				
Vacuum compatibility	Optional UHV environment compliance			

Bundle Configuration Examples		
Bifurcated (Branched) fiber bundle	Straight fiber bundle	Fan-out fiber bundle
		
7 bundled fibers to 6+1 fiber	7 bundled fibers to 7 fiber line	7 bundled fibers to 7 single fibers

Bifurcated Fiber Bundle



Straight Fiber Bundle



Fan-Out Fiber Bundle

