

# Spider and Ribbon Spider Fan-Out Kits

CORNING

## Features and Benefits

Modular components  
Build-what-you-need flexibility

Snap-together components  
Eliminates need for epoxy

### Spider Fan-Out Kits

Corning spider fan-out kits offer a modular solution for low-cost furcation. When combined with the fan-out kit base housing, you can use the 6-fiber inserts to create a custom solution for 6-, 12-, 18- or 24-fiber furcation.

Corning spider fan-out kits are designed for factory and field furcation of loose tube non-armored cables or tight-buffered cables into 2.0 or 2.9 mm jacketed legs with cable diameter sizes of 4.6 up to 15.7 mm, and they eliminate the need for patch panels. The spider fan-out kit furcates and provides pull-out protection for bare fibers (900 or 250  $\mu$ m). The cable jacket is simply stripped back, and the fibers are threaded into modular 6-fiber fan-out inserts consisting of six 1 m lengths of fan-out tubing secured in a composite assembly. Comprised of an inner tube, an aramid yarn strength member and an outer protective PVDF jacket, the fan-out tubing provides three layers of protection. The fan-out insert then snaps into the main spider housing. When all the inserts have been loaded, the outer housing is installed to complete the assembly.

### Ribbon Spider Fan-Out Kits

Corning ribbon spider fan-out kits offer a modular solution for low-cost furcation. When combined with the base housing, a 24-fiber ribbon fan-out kit can be added to corresponding 24-ribbon inserts to create a custom solution for 24-, 48-, 72- or 96-fiber furcation.



Spider Fan-Out Kit Insert, OM3 Fiber  
| Photo SFK-P2-INS-250-M 02

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## Specifications

Module Type	Cable Diameter	Fiber Type	Leg Jacket Diameter	Main Housing Part Number	Fan-Out Insert Part Number
<b>Multimode OM1 / OM2</b>	4.6 to 7.1 mm	900 $\mu$ m (6-12 fibers)	2.9 mm	SFK-P-06-900-M	SFK-P-INS-900-M
	6.6 to 10.9 mm	900 $\mu$ m (13-24 fibers)	2.9 mm	SFK-P-06-900-M-LG	SFK-P-INS-900-M
	8.6 to 15.7 mm	250 $\mu$ m (6 to 24 fibers)	2 mm 2.9 mm	SFK-P2-06-250-M SFK-P-06-250-M0	SFK-P2-INS-250-M SFK-P-INS-250-M
		Ribbon	Ribbon	SFK-P-24-RIB-M	SFK-P-IH-RIB-M SFK-P-IV-RIB-M
<b>Single-mode OS2</b>	4.6 to 7.1 mm	900 $\mu$ m (6 to 12 fibers)	2.9 mm	SFK-P-06-900-S	SFK-P-INS-900-S
	6.6 to 10.9 mm	900 $\mu$ m (13-24 fibers)	2.9 mm	SFK-P-06-900-S-LG	SFK-P-INS-900-S
	8.6 to 15.7 mm	250 $\mu$ m (6 to 24 fibers)	2 mm 2.9 mm	SFK-P2-06-250-S SFK-P-06-250-S	SFK-P2-INS-250-S SFK-P-INS-250-S
		Ribbon	Ribbon	SFK-P-24-RIB-S	SFK-P-IH-RIB-S SFK-P-IV-RIB-S
<b>Laser-optimized 50 <math>\mu</math>m multimode OM3</b>	4.6 to 7.1 mm	900 $\mu$ m (6 to 12 fibers)	2.9 mm	SFK-P-06-900-A	SFK-P-INS-900-A
	6.6 to 10.9 mm	900 $\mu$ m (13-24 fibers)	2.9 mm	SFK-P-06-900-A-LG	SFK-P-INS-900-A
	8.6 to 15.7 mm	250 $\mu$ m (6 to 24 fibers)	2 mm 2.9 mm	SFK-P2-06-250-A SFK-P-06-250-A	SFK-P2-INS-250-A SFK-P-INS-250-A
		Ribbon	Ribbon	SFK-P-24-RIB-A	SFK-P-IH-RDB-A SFK-P-IV-RDB-A

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## Part Number Examples |

### Spider Fan-Out Kits

Part Number	Quantity	Description of Combined Part Numbers
SFK-P-06-250-M	1	12 fibers, accepts multimode 250 $\mu$ m fiber, orange, 2.9 mm legs
SFK-P-INS-250-M	1	
SFK-P-06-900-S-LG	1	24 fibers, accepts single-mode 900 $\mu$ m fiber, yellow, 2.9 mm legs
SFK-P-INS-900-S	3	

### Ribbon Spider Fan-Out Kits

Part Number	Quantity	Description of Combined Part Numbers
SFK-P-24-RIB-S	1	48 fibers, accepts single-mode ribbon fiber, yellow, 2 mm legs
SFK-P-IH-RIB-S	1	
SFK-P-24-RIB-A	1	72 fibers, accepts laser-optimized 50 $\mu$ m ribbon fiber, aqua, 2 mm legs
SFK-P-IH-RDB-A	1	
SFK-P-IV-RDB-A	1	
SFK-P-24-RIB-M	1	96 fibers, accepts multimode ribbon fiber, orange, 2 mm legs
SFK-P-IH-RIB-M	1	
SFK-P-IV-RIB-M	2	

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