

# Spider Fan-Out Kits

A LANscape®  
Solutions Product

## features and benefits |

<b>Designed for factory and field furcation</b>	Eliminates need for patch panels
<b>Snap-together fan-out insert</b>	Easy installation
<b>Dielectric/high-strength, composite material</b>	Rugged durability
<b>Three-layer protective tubing</b>	Fiber protection

Corning Cable Systems Spider Fan-Out Kits provide a low-cost furcation option for multi-fiber cables. Offering the end-user simple step-by-step assembly, these kits are designed for factory and field furcation of 4- to 24-fiber tight-buffered and loose tube non-armored cables into 2.0 mm or 2.9 mm jacketed legs and eliminate the need for patch panels. The spider fan-out kit furcates and provides pull-out protection for bare fibers (900 µm or 250 µm). The cable jacket is simply stripped back and the fibers are threaded into the 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.



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## specifications |

	Cable with 900 μm	Cable with 900 μm	Cable with 250 μm	
Fiber Count	6 to 12	13 to 24	6 to 24	
Length	121 mm (4.75 in)	146 mm (5.75 in)	146 mm (5.75 in)	
Diameter	19 mm (.75 in)	28 mm (1.1 in)	28 mm (1.1 in)	
Cable Outer Diameter				
Fiber Count	Cable with 250 μm fiber		Cable with 900 μm fiber	
	Minimum mm (in)	Maximum mm (in)	Minimum mm (in)	Maximum mm (in)
6 to 12	8.6 (0.34)	15.7 (0.62)	4.6 (0.18)	7.1 (0.28)
13 to 24	8.6 (0.34)	15.7 (0.62)	6.6 (0.26)	10.9 (0.43)

Note: Check the cable's outer diameter for fit into the assembly.

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## ordering information |

SFK	-	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	<input type="text"/>
		1			2			3				4

|1

Select fan-out tubing  
jacket outside diameter.  
P = 2.9 mm  
P2 = 2 mm

|2

Select fiber count.  
06 = Up to 6 fibers  
12 = Up to 12 fibers  
18 = Up to 18 fibers  
24 = Up to 24 fibers

|3

Select fiber type.  
900 = Accepts 900 µm  
250 = Accepts 250 µm

|4

Select fan-out tubing  
jacket color.  
M = Orange (multimode)  
S = Yellow (single-mode)  
A = Aqua (laser-optimized  
50 µm multimode)

## Part Number Example

Part Number	Description
SFK-P-12-250-M	12-Fiber, accepts multimode 250 µm fiber, orange, 2.9 mm legs

## Accessories

Fan-Out Insert Plugs (6 fibers)

Part Number	Description
2104148-01	250 µm, multimode (orange)
2104149-01	900 µm, multimode (orange)
2104150-01	250 µm, single-mode (yellow)
2104151-01	900 µm, single-mode (yellow)

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notes |

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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