

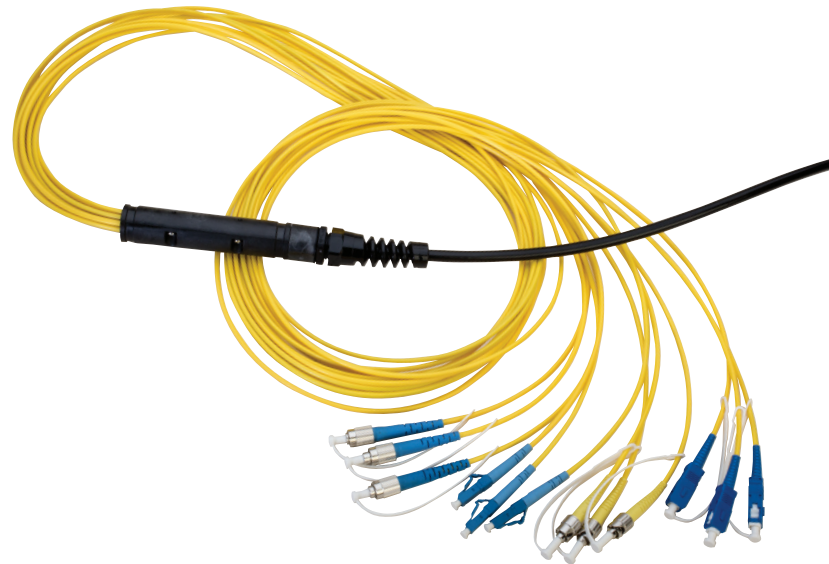
OFFERING THE ROBUST PROTECTION YOU EXPECT FROM OCC

OCC's Forge Fan-Out™ kits are the ideal choice for breaking out individual fibers within a cable to discrete connectors while maintaining the physical strength of the cable— as opposed to having exposed bare or buffered fiber. The cable jacket can easily be stripped back and the fibers are inserted into the modular fiber fan-out insert pucks, each of which has furcation tubing pre-secured in the puck housing.

Forge Fan-Out kits may be purchased pre-installed as a finished cable assembly, or as an unassembled kit to be installed in your facilities.

APPLICATIONS:

- > Ideal for point-to-point cabling of multiple fiber strands for a variety of applications including Ethernet networks, audio production, video production, and satellite uplink connections.
- > Provides the same convenience of termination as a breakout style cable, while maintaining the overall smaller outer diameter (OD) of a distribution style cable all in a compact and lightweight design.
- > Equally suited for deployable, harsh environment, and permanent enterprise installations.



FEATURES & BENEFITS:

- > The Forge Fan-Out Kit is designed to offer an easy-to-assemble two-piece clamshell that is strong enough to withstand considerable pressure to the fan-out without damaging the fibers inside.
- > The cable is securely fastened inside the cable housing by crimping to the aramid yarns. This provides 120 lbs. of cable retention force when crimped properly.
- > The Forge Fan-Out Kit tubing is specifically designed to increase flexibility and resist kinking when cable bend radius is exceeded.
- > Tubing lengths of the fanout kit custom built-to-suit your application and environment (standard lengths available).
- > Available in 4-, 6-, 8-, 12-, or 24-fiber versions, with 2.0mm or 3.0mm OD configurations.
- > Outer polyurethane jacket on tubing provides an additional layer of protection and is both versatile and compatible with a broad range of OCC cable products.
- > Aramid yarn within inner tubing creates a strong physical connection with the inner fiber creating flexible strain relief and protects cable entry.
- > Tubing can be color coded in yellow, orange, or aqua to indicate the fiber type inside; or can it be ordered with each tube having a unique color, per TIA color code, to aid in quick fiber identification.
- > Significantly reduces installation time by 25% over competitive alternatives .

FORGE FAN-OUT KIT ORDERING INFORMATION

SERIES	CABLE DIAMETER	NUMBER OF PORTS	FURCATION DIAMETER	FURCATION LENGTH (IN)	FURCATION COLOR
FKS (12-CHANNEL**)	A – 0.105" to 0.312"	04	A – 2mm-470µm ID Tube	12	BL – Blue
		06	B – 2mm-1100µm ID Tube	18	OR – Orange
		08	C – 3mm-1100µm ID Tube	24	GR – Green
		12	D – 3mm-470µm ID Tube	36	BR – Brown
				48	SL – Slate (Grey)
FKM (24-CHANNEL**)	A – 0.100" to 0.250"	24	A – 2mm-470µm ID Tube	12	WH – White
			B – 2mm-1100µm ID Tube	18	RD – Red
			C – 3mm-1100µm ID Tube	24	BK – Black
			D – 3mm-470µm ID Tube	36	YL – Yellow
	B – 0.250" to 0.450"			48	RS – Rose (Pink)

12 Channel, 3mm Furcation, Yellow, 48" Long Cable Diameter Range 0.105" to 0.312"

EXAMPLE		W	Y	Y	Z	I	I	X	X		
FKS	-	A	1	2	C	-	4	8	-	Y	L

24 Channel, 3mm Furcation, Orange, 24" Long Cable Diameter Range 0.250" to 0.450"

EXAMPLE		W	Y	Y	Z	I	I	X	X		
FKM	-	B	2	4	C	-	2	4	-	O	R

*If option MC is chosen for the furcation color, standard fiber optic color code will be used in sets of 12.

**See Installation Instructions located at OCCFIBER.COM for required tooling needed to complete installation (also available to purchase through OCC).

STANDARD STOCK ITEMS	
OCC PART #	DESCRIPTION
FKS-A04C-36-MC	4-Channel, 3mm Furcation, Multi-Color, 1100µm, 36 Inches
FKS-A12C-36-MC	12-Channel, 3mm Furcation, Multi-Color, 1100µm, 36 Inches
FKS-A04C-48-YL	4-Channel, 3mm Furcation, Yellow, 1100µm, 48 Inches
FKS-A12C-48-YL	12-Channel, 3mm Furcation, Yellow, 1100µm, 48 Inches
FKS-A12C-48-MC	12-Channel, 3mm Furcation, Multi-Color, 1100µm, 48 Inches
FKM-B24C-48-YL	24-Channel, 3mm Furcation, Yellow, 1100µm, 48 Inches
FKS-A04C-36-YL	4-Channel, 3mm Furcation, Yellow, 1100µm, 36 Inches
FKS-A12C-36-YL	12-Channel, 3mm Furcation, Yellow, 1100µm, 36 Inches
FKM-B24C-36-MC	24-Channel, 3mm Furcation, Multi-Color, 1100µm, 36 Inches



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