

HELIAX® Fiber Drop Cable Installation for HMFOC series assemblies

Bulletin 7822473 Revision E Page 1 of 2

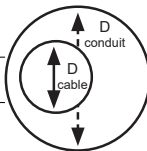
CommScope Infrastructure Academy offers installation training.

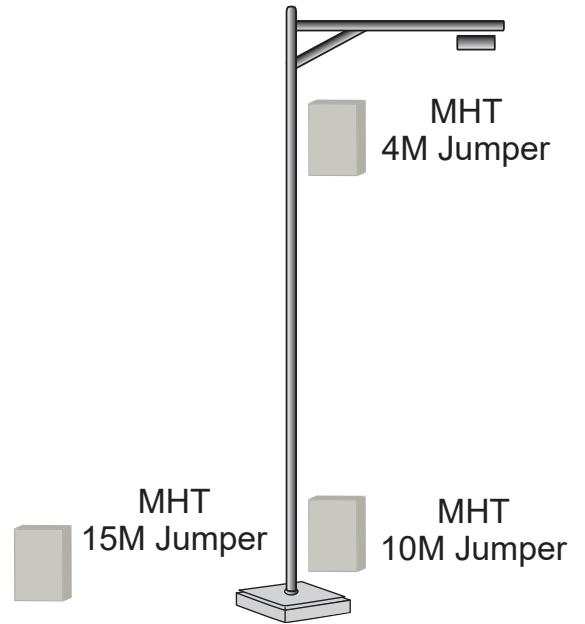
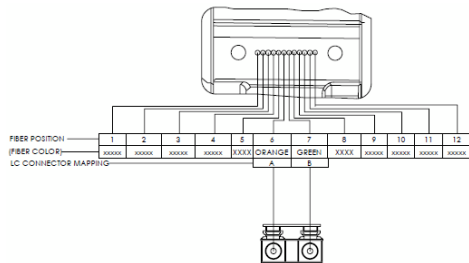
Pulling in Conduit Recommendation

Ensure the conduit is the proper size for the diameter (D) of the cable to be pulled. Use of a cable lubricant can reduce the tension when pulling through conduit.

USE – Water* and Silicone-based products designed for cable pulling

DON'T USE – Detergent and Petroleum based products can eat away at cable jacket materials

$$\text{Fill Ratio} = \frac{D^2_{\text{cable}}}{D^2_{\text{conduit}}}$$




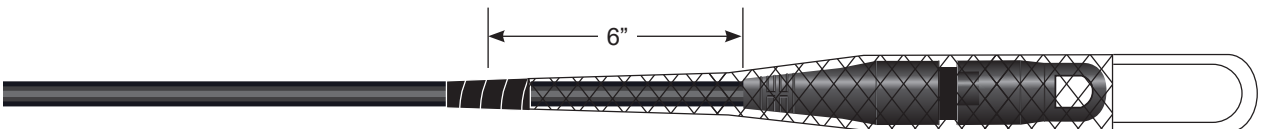
- 1 Fiber jumper installation requires the use of a pulling grip. Pulling from the LC end is recommended. **DO NOT** anchor or connect the jumper before routing. Start by protecting the LC connectors with bubble wrap or equivalent.



- 2 Install a pulling grip over the protected LC connectors. The end of the grip **MUST** go past the transition sleeve by a minimum of 6 inches. **DO NOT** exceed 20 lbs of pulling force.



- 3 If pulling from the HMFOC end is required the end of the pulling grip **MUST** go past the back of the connector by a minimum of 6 inches. **DO NOT** exceed 20 lbs of pulling force. **DO NOT** anchor or connect the jumper before routing.

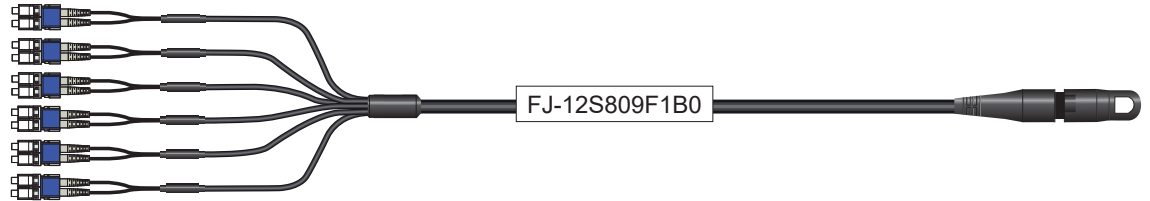


See page 2 for breakout variations

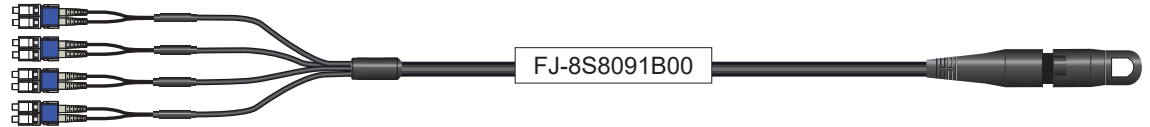
HELIAX® Fiber Drop Cable Installation for HMFOC series assemblies

Bulletin 7822473 Revision E Page 2 of 2

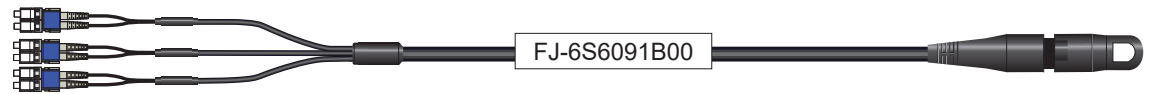
12 Single Mode Fiber
LC Duplex / HMFOC



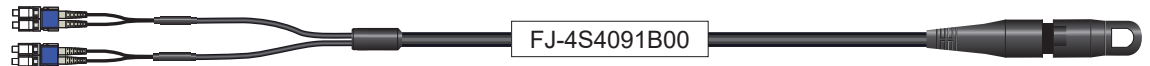
8 Single Mode Fiber
LC Duplex / HMFOC



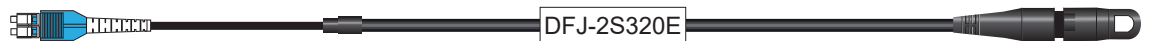
6 Single Mode Fiber
LC Duplex / HMFOC



4 Single Mode Fiber
LC Duplex / HMFOC



2 Single Mode Fiber
LC Duplex / HMFOC



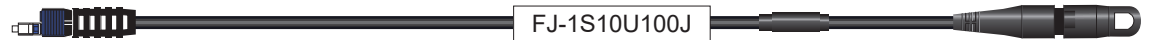
2 Single Mode Fiber
Bidi / HMFOC



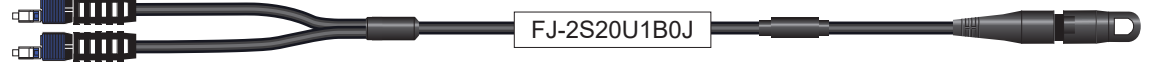
2 Single Mode Fiber
LC Duplex / HMFOC



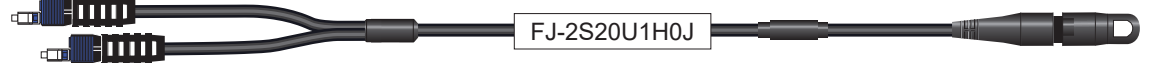
1 Single Mode Fiber
BiDi / HMFOC



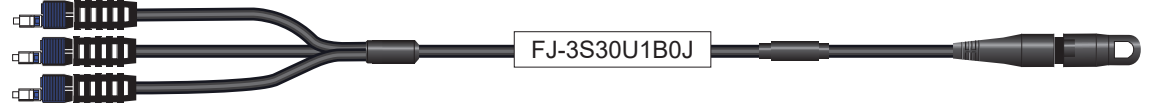
2 Single Mode Fiber
BiDi / HMFOC



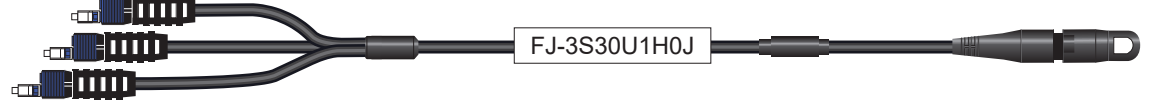
2 Single Mode Fiber
BiDi staggered / HMFOC



3 Single Mode Fiber
BiDi / HMFOC



3 Single Mode Fiber
BiDi staggered / HMFOC



CommScope

1100 CommScope Place SE P.O. Box 339, Hickory, NC 28603-0339
(828) 324-2200 (800) 982-1708
www.commscope.com

Technical Support

+1 888 297 6433, Option 3 (Toll Free US and Canada)
+49-9099-69-333
<https://www.commscope.com/wisupport> (open a ticket)

Notice: CommScope disclaims any liability or responsibility for the results of improper or unsafe installation, inspection, maintenance, or removal practices.

Aviso: CommScope no acepta ninguna obligación ni responsabilidad como resultado de prácticas incorrectas o peligrosas de instalación, inspección, mantenimiento o retiro.

Avis : CommScope décline toute responsabilité pour les conséquences de procédures d'installation, d'inspection, d'entretien ou de retrait incorrectes ou dangereuses.

Hinweis: CommScope lehnt jede Haftung oder Verantwortung für Schäden ab, die aufgrund unsachgemäßer Installation, Überprüfung, Wartung oder Demontage auftreten.

Atenção: A CommScope abdica do direito de toda responsabilidade pelos resultados de práticas inadequadas e sem segurança de instalação, inspeção, manutenção ou remoção.

Avvertenza: CommScope declina eventuali responsabilità derivanti dall'esecuzione di procedure di installazione, ispezione, manutenzione e smontaggio improprie o poco sicure.

注意：CommScope 公司申明對於不恰當或不安全的安裝、檢驗、維修或拆卸操作所導致的後果不負責任 何義務和責任