

# COMMSCOPE® Installation Instructions

**540 and 780 EZfit® Series Connectors**  
for HELIAX® FXL Cables - Hand Tool

Bulletin 7594358 Revision G Page 1 of 2

CommScope Infrastructure Academy offers installation training.

12EZ*series	20 mm
78EZ*series	34 mm

12EZ*series	TW-12-EZFC	20 mm
78EZ*series	TW-78-EZFC	34 mm

Tools: #18 Masonry String, Safety Goggles, Wrench, Screwdriver, Saw.

Labels: A (AVA / AL Cable Only), B (FXL / CR Cable Only).

1. Prepare the cable end with a saw and masonry string.
2. Insert the cable into the connector housing (A).
3. Push the cable through the housing.
4. Strip the outer jacket with a utility knife.
5. Strip the inner insulation with a utility knife.
6. Strip the conductors and twist them together. Label LH.
7. Insert the twisted conductors into the connector terminals.
8. Use a nylon bristle to clean the conductors.
9. Tighten the connector with a wrench. See Torque Table on page 2.

DIN 18-22 lb-ft (25-30 N•m)  
N 15-20 lb-in (1.7-2.3 N•m)

部件名称 (Part Name)	表一 有毒有害物质或元素名称及含量标识格式					
	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
连接器 (Connector)	X	O	O	O	O	O

O: 表示有毒有害物质在该部件所有的均质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。  
X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006规定的限量要求。

Patent number: 7,419,403

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## 1/2", 7/8" and 1 1/4" EZfit® Series Connectors

for HELIAX® AVA Cables - Hand Tool

CommScope Infrastructure Academy offers installation training.

12-HPT  
78-HPT

AVA / AL Cable Only  
FXL / CR Cable Only

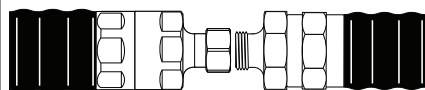
12EZ*series	20 mm
78EZ*series	34 mm

#18 Masonry String

12EZ*series	TW-12-EZFC	20 mm
78EZ*series	TW-78-EZFC	34 mm

1. Strip 2" (51 mm) of the outer jacket.
2. Peel back the jacket to reveal the braided shield.
3. Strip the braided shield to the required length.
4. Strip the inner insulation from the conductors.
5. Clean the conductors with a nylon bristle.
6. Insert the conductors into the connector and rotate clockwise (LH).
7. Tighten the connector to the specified torque.
8. Clean the conductors with a nylon bristle.
9. See Torque Table below.

DIN 18-22 lb-ft (25-30 N·m)  
N 15-20 lb-in (1.7-2.3 N·m)



Torque Table		
Ezfit™ Family	Clamping Torque Value (MIN)	Unit
1/2" 12EZ*	20 MIN-22 MAX (27 MIN-30 MAX)	lb-ft (N·m)
7/8" 78EZ*	25 (34)	lb-ft (N·m)

Patent number: 7,419,403

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

**Customer Service 24 hours**  
North America: +1-800-255-1479 (toll free)  
Any country: +1-779-435-6500  
email: acicustomersupportcenter@commscope.com

