FMC-PCS Duo™

Fixture Whip Assembly, 14 AWG through 10 AWG THHN/THWN Insulated Singles. Green Insulated Ground. UL Listed. 600 Volts. Rated VW-1. Steel Interlocked Armor. Includes UL Listed Fittings and Prepared Cable Ends.

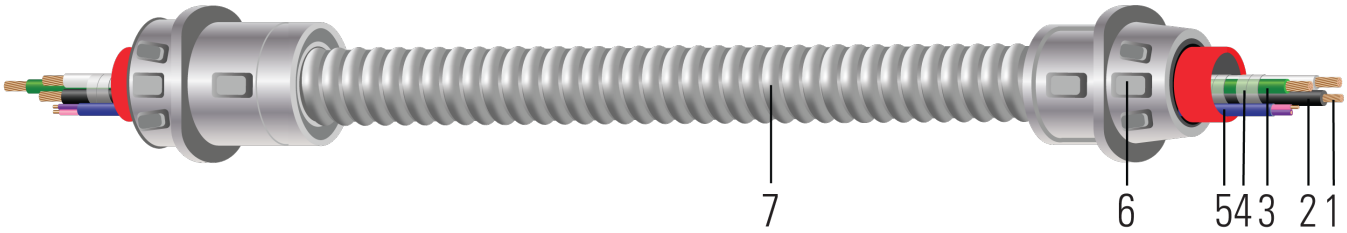


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class B compressed stranded copper per ASTM B3 and ASTM B8
2. **Insulation:** All phases are insulated with Polyvinyl Chloride with Nylon Sheath Type THHN/THWN
3. **Ground:** Green insulated copper ground
4. **Binder:** Binder tape bearing the print legend is wrapped around the cable assembly
5. **Signal:** 16 AWG Copper TFN Insulated Singles Pink, Purple. Overall light blue jacket over the signal cables
6. **Connector:** Zinc die-cast snap on connector or locknut
7. **Armor:** Steel Interlocked Armor

APPLICATIONS AND FEATURES:

Southwire FMC-PCS Duo™ Modular Cable Assemblies are suitable for use as follows:

- Branch, feeder and service power distribution in commercial, industrial, institutional, and multi-residential buildings.
- Fished or embedded in plaster.
- Concealed or exposed installations.
- Environmental air-handling spaces per NEC 300.22 (C).
- Places of Assembly per NEC 518.4 and theaters per NEC 520.5.
- Installation in cable tray and approved raceways.
- Under raised floors for information technology equipment conductors and cables per NEC 645.5(D) & 645.5(D)(2)
- Class I Div. 2, Class II Div 2, & Class III Div. 1 Hazardous Locations.

SouthwireFMC-PCS Duo™ Modular Cable Assemblies - meets or exceeds the following requirements:

- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) (www.ul.com)
- Federal Specification A-A59544 (formerly J-C-30B)
- NFPA 70 (National Electrical Code), Article 330
- Listed for use in UL 1, 2 and 3 Hour Through Penetration Firestop Systems
- REACH/RoHS-2 (Chemical Limit) Compliant

FMC-PCS Duo™ Modular Cable Assemblies Features:

- Reduces installation costs up to 50% over pipe and wire.
- Pre-cut lengths eliminate on-site preparation and save installation and clean up time.
- Pre-stripped conductors increase jobsite safety
- UL Listed snap-in fittings applied to each end

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- UL Classified 1, 2, and 3 hour Through Penetration Firestop Systems: W-J-3037, W-L-3110, W-L-3113, W-L-3117, W-L-3120, W-L-3121, W-L-3160, C-AJ-3115, C-AJ-3140, C-AJ-3142, C-AJ-3145, C-AJ-3173, C-AJ-3202, C-AJ-4065, C-AJ-4066, F-C-3038.
- Cable reverse wound on reel for ease of pulling and installation. When pulling from coils, pull from inside to ensure ease of installation.
- Anti-short bushings are not required for use with MC cable per the NEC and UL

SPECIFICATIONS:

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 83 Thermoplastic Insulated Wires and Cables
- UL 1569 Metal-Clad Cables
- UL 1479 Standard for Safety Fire Tests of Penetration Firestops
- UL 1685 FT4 Vertical-Tray Fire Propagation and Smoke Release Test
- Buy American: Compliant with Buy American Requirements, found in 49 U.S.C. § 5323(j); specify “Made in the USA Only!” when ordering to ensure your project receives American made products.

SAMPLE PRINT LEGEND:

XX GALFLEX(R) RWS FLEX CONDUIT (XX") WHIP X'

Whip Assemblies

Stock Code	Size AWG	Trade Size	Cond. Num	Solid/ Stranded	Color	Length ft	Connector Type
643892	14	1/2"	3	Solid	BK, WE, GN	6	Lock Nut
668262	14	1/2"	3	Solid	BN, GY, GN	6	Lock Nut
664821	14	1/2"	4	Solid	BK, WE, RD, GN	6	Lock Nut
644068	14	1/2"	3	Stranded	BK, WE, GN	6	Lock Nut
643717	12	1/2"	3	Stranded	BK, WE, GN	6	Lock Nut
672381	12	1/2"	3	Solid	BK, WE, GN	6	Lock Nut
672059	12	1/2"	3	Solid	BK, WE, GN	6	Snap-in
643719	12	1/2"	3	Stranded	BK, WE, GN	6	Snap In
Note: Conductor number includes ground							

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