



## LITE-WHIP Pre-Assembled Steel Flex Fixture Whips

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.

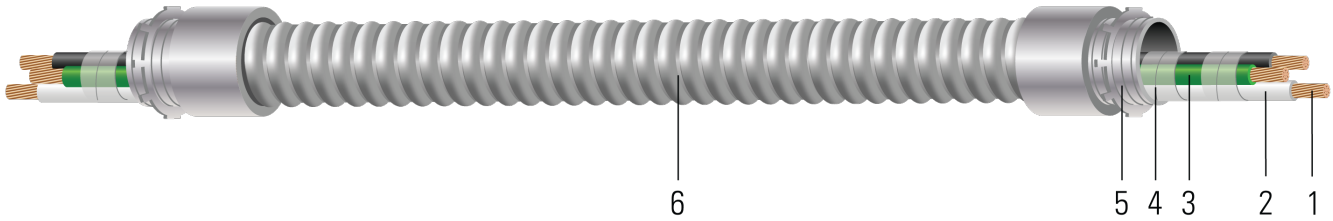


Image not to scale. See Table 1 for dimensions.

### 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. **Connector:** Zinc die-cast locknut or snap-in connector
6. **Armor:** Steel Interlocked Armor

### APPLICATIONS AND FEATURES:

**Southwire EZ QUICK™ 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.

**Southwire EZ QUICK™ Modular Cable Assemblies - meets or exceeds the following requirements:**

- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) ( [www.ul.com](http://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

**Southwire EZ QUICK™ Modular Cable Assemblies Features:**

- Reduces installation costs up to 50% over pipe and wire.
- Lightweight aluminum armor--as much as 45% lighter than steel MC Cable.
- Better grounding performance than Type AC
- 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
- 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-X CU THHN BLACK/WHITE STEEL AC EZ QUICK WHIP XX'





## Whip Assemblies

| Stock Code | Alt. Stock Code | Trade Size | Size AWG | Cond. Num | Solid/ Stranded | Color              | Length ft | Connector Type |
|------------|-----------------|------------|----------|-----------|-----------------|--------------------|-----------|----------------|
| 552923     | LWL183          | 3/8"       | 18       | 3         | Solid           | BK, WE, GN         | 6         | Locknut        |
| 552930     | LWS183          | 3/8"       | 18       | 3         | Solid           | BK, WE, GN         | 6         | Snap-in        |
| 552926     | LWS183S         | 3/8"       | 18       | 3         | Stranded        | BK, WE, GN         | 6         | Snap-in        |
| 552924     | LWL184          | 3/8"       | 18       | 4         | Solid           | BK, WE, RD, GN     | 6         | Locknut        |
| 552931     | LWS184          | 3/8"       | 18       | 4         | Solid           | BK, WE, RD, GN     | 6         | Snap-in        |
| 552949     |                 | 3/8"       | 14       | 2         | Solid           | BK, WE             | 6         | Locknut        |
| 552951     |                 | 3/8"       | 14       | 2         | Stranded        | BK, WE             | 6         | Locknut        |
| 552920     | LWL143          | 3/8"       | 14       | 3         | Solid           | BK, WE, GN         | 6         | Locknut        |
| 550824     | LWS143          | 3/8"       | 14       | 3         | Solid           | BK, WE, GN         | 6         | Snap-in        |
| 552938     |                 | 3/8"       | 14       | 3         | Stranded        | BK, WE, GN         | 6         | Locknut        |
| 552929     | LWS143S         | 3/8"       | 14       | 3         | Stranded        | BK, WE, GN         | 6         | Snap-in        |
| 552925     | LWL144          | 3/8"       | 14       | 4         | Solid           | BK, WE, RD, GN     | 6         | Locknut        |
| 552933     | LWS144          | 3/8"       | 14       | 4         | Solid           | BK, WE, RD, GN     | 6         | Snap-in        |
|            | LWS144S         | 3/8"       | 14       | 4         | Stranded        | BK, WE, RD, GN     | 6         | Snap-in        |
| 552939     |                 | 3/8"       | 14       | 4         | Stranded        | BK, WE, RD, GN     | 6         | Locknut        |
| 675684     |                 | 1/2"       | 14       | 5         | Solid           | BK, WE, PE, GY, GN | 6         | Snap-in        |
| 665866     |                 | 1/2"       | 12       | 3         | Stranded        | BN, GY, GN         | 6         | Snap-in        |
| 665867     |                 | 1/2"       | 12       | 3         | Stranded        | OE, GY, GN         | 6         | Snap-in        |
|            | LWS123          | 3/8"       | 12       | 3         | Solid           | BK, WE, GN         | 6         | Snap-in        |
| 552911     | LWL123          | 3/8"       | 12       | 3         | Solid           | BK, WE, GN         | 6         | Locknut        |
| 552940     |                 | 3/8"       | 12       | 3         | Stranded        | BK, WE, GN         | 6         | Locknut        |
| 671967     |                 | 3/8"       | 12       | 3         | Stranded        | YW, GY, GN         | 6         | Locknut        |
| 671968     |                 | 3/8"       | 12       | 3         | Stranded        | PE, GY, GN         | 6         | Locknut        |
| 671969     |                 | 3/8"       | 12       | 3         | Stranded        | BN, GY, GN         | 6         | Locknut        |
| 552929     | LWS123S         | 3/8"       | 12       | 3         | Stranded        | YW, GY, GN         | 6         | Snap-in        |
| 678764     |                 | 3/8"       | 12       | 3         | Stranded        | PE, GY, GN         | 6         | Snap-in        |
| 678765     |                 | 3/8"       | 12       | 3         | Stranded        | BN, GY, GN         | 6         | Snap-in        |

Note: Conductor number includes ground

