



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

Interlocked Steel Armor with Factory Installed Conductors.

Factory Installed Lock-nut or Snap-in Fittings. 600 Volts.

Sizes 18 and 16 AWG Copper TFN or TFFN Conductors.

Sizes 14 and 12 AWG Copper THHN/THWN Conductors.

Green Insulated Copper Grounding Conductor.

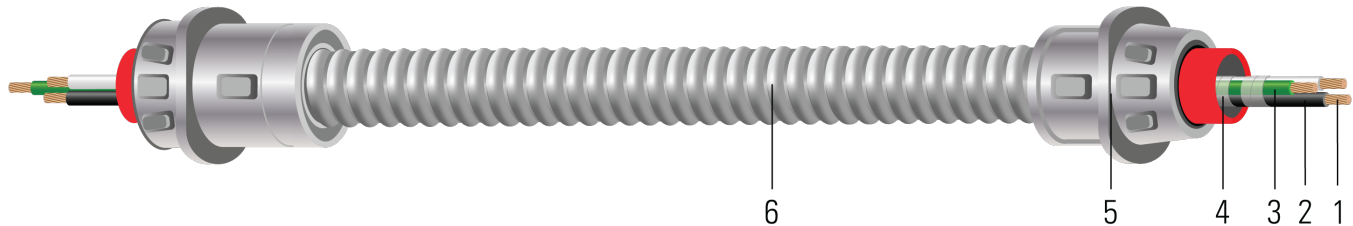


Image not to scale. See Table 1 for dimensions.

### 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. **Aarmor:** Steel Interlocked Armor

### APPLICATIONS AND FEATURES:

**Southwire ULTRA\_WHIP Modular Cable Assemblies are suitable for use as follows:**

- Listed under the Wiring Assemblies (QQYZ) category.
- Complies with NEC Article 356
- Complies with UL Standard 1660
- Complies with CSA Standard C22.2 No. 227.2
- Fittings comply with UL Standard 514B, CSA Standard C22.2 No. 18 and NEMA FB-1

### Southwire ULTRA\_WHIP Modular Cable Assemblies Application and Features:

- Complete assembly delivered from the factory ready to install. Includes 12" wire leads at each end and LFNC-B Fittings for easy and hassle-free hook-ups
- Resistant to rust, cracks and separation.
- Non-metallic raceway is non-conducting.
- Commonly used for connecting air conditioners, pumps, motors, compressors, swimming pool equipment and similar equipment.

### SPECIFICATIONS:

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 83 Thermoplastic Insulated Wires and Cables
- UL 1479 Standard for Safety Fire Tests of Penetration Firestops





- UL 1660 Liquid-Tight Flexible Nonmetallic Conduit
- CSA C22.2 No. 227.2.1 Liquid-Tight Flexible Non-Metallic Conduit
- 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.
- NFPA 70 (National Electrical Code), Article 356 - Liquidtight flexible nonmetallic conduit

### **SAMPLE PRINT LEGEND:**

SOUTHWIRE ULTRATITE{R} LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT TYPE B XX" (XX) {UL}-{CSA} 80{D}C DRY 60{D}C WET 60{D}C OIL RES OUTDOOR DIR / BUR IN US SR

### **Lock-nut Fittings with Solid THHN/THWN or TFN Conductors**

Part Number	Size AWG	Cond. Num	Solid/Stranded	Carton Package Quantity / Weight	Barrel Package Quantity / Weight
LWL183	18	3	Solid	30 Units / 23 lbs	100 Units / 80 lbs
LWL184	18	4	Solid	30 Units / 24 lbs	100 Units / 84 lbs
LWL143	14	3	Solid	30 Units / 25 lbs	100 Units / 85 lbs
LWL144	14	4	Solid	30 Units / 26 lbs	100 Units / 90 lbs
LWL123	12	3	Solid	30 Units / 30 lbs	100 Units / 95 lbs

### **Snap-in Fittings with Solid THHN/THWN or TFN Conductors**

Part Number	Size AWG	Cond. Num	Solid/Stranded	Carton Package Quantity / Weight	Barrel Package Quantity / Weight
LWS183	18	3	Solid	30 Units / 23 lbs	100 Units / 80 lbs
LWS184	18	4	Solid	30 Units / 24 lbs	100 Units / 84 lbs
LWS143	14	3	Solid	30 Units / 25 lbs	100 Units / 85 lbs
LWS144	14	4	Solid	30 Units / 26 lbs	100 Units / 90 lbs
LWS123	12	3	Solid	30 Units / 30 lbs	100 Units / 95 lbs

### **Snap-in Fittings with Stranded THHN/THWN or TFFN Conductors**

Part Number	Size AWG	Cond. Num	Solid/Stranded	Carton Package Quantity / Weight	Barrel Package Quantity / Weight
LWS183S	18	3	Stranded	30 Units / 23 lbs	100 Units / 80 lbs
LWS184S	18	4	Stranded	30 Units / 24 lbs	100 Units / 84 lbs
LWS143S	14	3	Stranded	30 Units / 25 lbs	100 Units / 85 lbs
LWS144S	14	4	Stranded	30 Units / 26 lbs	100 Units / 90 lbs
LWS123S	12	3	Stranded	30 Units / 30 lbs	100 Units / 95 lbs

