

SIMpull® Cable-In-Conduit

**High-Density Polyethylene (HDPE) Conduit with Pre-Installed Cable.
EPEC-80 Wall Thicknesses.**



APPLICATIONS

With Southwire's SIMpull® Cable-In-Conduit cable is pre-installed in a HDPE conduit, which allows for damage free one-step installations. It can be used for roadway lighting, airport runway lighting, residential distribution, ball field lighting, and parking lots.

CONDUIT SPECIFICATIONS

- Smooth wall ducts are made of high-density polyethylene resin meeting the requirements of ASTM D 3350 Class PE 435540 C (Black) or E (colors with UV stabilizers).
- All conduit is manufactured in accordance with ASTM F 2160 and NEMA TC-7.

CABLE SPECIFICATIONS

Cables are made in accordance with applicable industry standards. Depending on need, available conductors include, but are not limited to:

600 Volt

- THHN
- XHHW
- USE

Medium Voltage

- Tree Retardant Crosslinked Polyethylene (TRXLP)
- Ethylene Propylene Rubber (EPR)

See the applicable Southwire catalog sheet at www.southwire.com for cable information and data.

CONSTRUCTION

SIMpull® Cable-In-Conduit is manufactured by continuously extruding high-density polyethylene (HDPE) loosely over the cable assembly with no adhesion between the conduit and cable. Permanent cable lubrication is applied to the cable allowing for cables to be pulled out and replaced if necessary. Cables are installed paralleled in HDPE.

EPEC-80 CONDUIT DIMENSIONAL SPECIFICATIONS

Nominal Size	Average OD (inches)	Min. Wall (inches)	Average ID (inches)	Weight (lbs/1000 ft)	Bend Radius (inches)	Pulling Tension
¾"	1.050	0.154	0.722	190	12	920
1"	1.315	0.179	0.936	279	14	1360
1-¼"	1.660	0.191	1.255	386	18	1870
1-½"	1.900	0.200	1.476	468	21	2275
2"	2.375	0.218	1.913	648	26	3145
2-½"	2.875	0.276	2.290	989	32	4780
3"	3.500	0.300	2.864	1325	39	6420
4"	4.500	0.337	3.786	1936	50	9365

STANDARD REEL INFORMATION

Size	Reel Dimensions		Footage	Truckload 45 foot Flatbed	
	Flange (inches)	Width (inches)		Reels	Feet
¾"	50	37	2500	20	50,000
1"	54	37	1500	20	30,000
1"	54	37	2500	20	50,000
1-¼"	66	47	2500	16	40,000
1-¼"	90	47	6000	14	72,000
1-½"	66	47	1500	16	24,000
1-½"	72	47	2500	14	21,000
2"	78	47	1500	14	30,000
2"	90	47	3000	10	30,000
2-½"	83	47	1000	12	12,000
2-½"	102	47	2500	10	25,000
3"	96	47	1000	10	10,000

Quotation or ordering – Specify:

Type of cable to be placed in conduit

- Conductor size, Aluminum or Copper, Solid or Stranded
- Insulation type and thickness
- Voltage rating such as 600V, 15kV, etc.
- Shielding or neutral requirements
- Special print markings

Trade size and type of conduit

- Conduit diameter
- Wall type, such as Schedule 40, SDR 13.5, etc.

Conduit color and color method

- Black, striped or colored

Lengths of reels and reel restrictions

- Standard or special lengths
- Reel dimensional or weight restrictions

Footage or meter length markings

- Foot marks or meter marks

Any special marking requirements

- Special markings on cable
- Special print requirements on conduit, such as UL listing marking on Schedule 40

Special delivery instructions

- Special unloading time restrictions, contact information, call before delivery requirements
- Special truck requirements like lift gate, etc.